```
Set     Items   Description
S1    1658951   COOKIE? ? OR VALUE? ? OR KEY? ?
S2     798570   MATCH? OR COMPARE?
S3    1422849   PROGRAM? OR SOFTWARE? OR APPLICATION? ? OR FREEWARE
S4    2898177   ONLINE OR ON()LINE OR INTERNET OR WEB? OR HOMEPAGE OR HOME-
            ()PAGE? ? OR NETWORK? OR PORTAL? OR WWW OR CYBER? OR LAN OR W-
            AN OR ELECTRONIC? OR SITE? ?
S5     339712   DISRUPT? OR INTERRUPT? OR INCOMPLETE? OR .NOT.()COMPLETE? -
            OR DISCONNECT?
S6    3783629   TRANSACT? OR SESSION? ? OR CONNECT?
S7     968636   RESUME? ? OR RESUMPTION OR RESTART? OR RECONNECT? OR CONTI-
            NU?
S8     345596   DISRUPT? OR INTERRUPT? OR INCOMPLETE? OR "NOT"()COMPLETE? -
            OR DISCONNECT?
S9    2500650   DOWNLOAD? OR TRANSMIT? OR TRANSMIS? OR DISTRIBUT? OR DOWN(-
            )LOAD?
S10   2743907   DATA OR CONTENT? ? OR MUSIC? OR VIDEO OR MP3 OR SONG? ? OR
            SOFTWARE OR MOVIE? ?
S11     99639   S1(10N)S2
S12      2616   S11(30N)S4
S13     28970   S9(20N)S8
S14         9   S12 AND S13
S15     26995   S7(5N)S9
S16        83   S15(30X)S13
S17         8   S16 AND S1
S18        18   S16 AND S4
S19        34   S14 OR S17 OR S18
? show file
File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)
         (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200554
         (c) 2005  Thomson Derwent
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19/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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07762404 **Image available**
DATA ACQUISITION METHOD, RELAY METHOD, RELAY DEVICE, CLIENT DEVICE, PROGRAM, AND RECORDING MEDIUM

PUB. NO.: 2003-256313 [JP 2003256313 A]
PUBLISHED: September 12, 2003 (20030912)
INVENTOR(s): UENO MINORU
TANIGUCHI TETSUYA
CHIKADA MICHIYASU
IWATA HIROAKI
APPLICANT(s): NTT DOCOMO INC
APPL. NO.: 2002-056272 [JP 200256272]
FILED: March 01, 2002 (20020301)
INTL CLASS: G06F-013/00; G06F-012/00; G06F-015/00

ABSTRACT

PROBLEM TO BE SOLVED: To **restart** interrupted data **transmission** only when data, which a server device has, is not updated in case that the data **transmission** from the server device is **interrupted** .
SOLUTION: When the data **transmission** , which **transmits** data **WWW** server 16 has to DTE 11 via LWP 15, is **interrupted** , the DTE 11 stores a part already received, the LWP 15 compares already-received part information obtained from the DTE 11 and update information received from the **WWW** server 16 in response to data transmission restart request from the DTE 11, and transmits only a part the DTE 11 does not still receive to the DTE 11 only when both are identical, and the DTE 11 obtains data by connecting the part already received and the part unreceived.

19/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

07243122 **Image available**
PORTABLE COMMUNICATION TERMINAL EQUIPMENT AND METHOD FOR DOWNLOADING DATA AND DATA DOWNLOADING SYSTEM

PUB. NO.: 2002-111573 [JP 2002111573 A]
PUBLISHED: April 12, 2002 (20020412)
INVENTOR(s): YAMANA KOJI
APPLICANT(s): CASIO COMPUT CO LTD
APPL. NO.: 2000-299152 [JP 2000299152]
FILED: September 29, 2000 (20000929)
INTL CLASS: H04B-007/26; H04Q-007/38; H04M-001/00; H04M-011/08

ABSTRACT

PROBLEM TO BE SOLVED: To easily and surely cause download of updating data to a user, without his being aware of it.

SOLUTION: Portable communication terminal equipment 3 accesses a contents providing center 1 in a communication channel **network** 2, after a lapse of a predetermined time when it is mounted in a charger 5, and downloads data. The equipment 3 interrupts downloading, if download continuation by a

battery is not set, when charging is interrupted during the downloading, and invalidates the data which are not completed with the downloading. Meanwhile, the equipment 3 finishes downloading, after the downloading of the data during the downloading has been completed, if the **downloading continuation** by the battery is set. The equipment 3 starts the **downloading** from previous **continuation** if a version of the data is same as before at next **downloading** time, if the **downloading** is **interrupted** .

19/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO

06817676 **Image available**
USER/USER INFORMATION TRANSFER METHOD AND INFORMATION TRANSFER TERMINAL

PUB. NO.: 2001-045169 [JP 2001045169 A]
PUBLISHED: February 16, 2001 (20010216)
INVENTOR(s): SAITO KIYUUTA
KOBAYASHI MASATOMO
UNO NAGATAKE
APPLICANT(s): NTT ELECTORNICS CORP
TOKYO GAS CO LTD
TG JOHO NETWORK KK
APPL. NO.: 11-215170 [JP 99215170]
FILED: July 29, 1999 (19990729)
INTL CLASS: H04M-011/00; H04L-029/08

ABSTRACT

PROBLEM TO BE SOLVED: To provide a user/user information transfer method where transmission reception of a user/user information is finished in a short time by continuously transmitting a plurality of UUI sets through one call control sequence by a transmission terminal and number of **network** resources required for the transmission reception of the UUI can be reduced and to provide an information transfer terminal.

SOLUTION: In the transfer of the user/user information included in a call control message of an ISDN line exchange service, a transmission terminal includes a part clearly indicating continuous transmission of the user.user information to the user.user information included in a setup message and transmits the resulting user.user information, a receiver terminal receives the user.user information included in the setup message together with the part clearing indicating the **continuous transmission** of the user.user information, the receiver terminal confirms the validity of the received information, immediately returns the setup message and waits for an **interruption** restoration sequence started from the **transmission** terminal as it is.

19/5/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO

06707592 **Image available**

NETWORK CACHE DEVICE AND CACHE CONTROLLING METHOD

PUB. NO.: 2000-293424 [JP 2000293424 A]
PUBLISHED: October 20, 2000 (20001020)
INVENTOR(s): IGAWA MASARU
SHIBATA KOICHI
SAKAMOTO SHUICHI
APPLICANT(s): HITACHI LTD
APPL. NO.: 11-102169 [JP 99102169]
FILED: April 09, 1999 (19990409)
INTL CLASS: G06F-012/00; G06F-013/00; H04L-012/54; H04L-012/58

ABSTRACT

PROBLEM TO BE SOLVED: To obtain a network cache device which eliminates the waste of cache data due to user's operation interruption and invalid cache processing and performs stable data transfer in a cache device for a network which performs mass data transfer such as multimedia reproduction including a dynamic image.
SOLUTION: When a user terminal connected to a local network 40 makes a data transfer request to a server existing on the Internet 30, a user request processing program 170 starts a cache program 174, and the program 174 performs cache processing independently of data **distribution** to the user terminal and stores transfer data in a cache file 22 even after request **interruption** . Also, the request bit rate **value** of the transfer data is read to be **compared** with **network** throughput between the server and a **network** cache device 10, and when the **network** throughput is larger, a cache hit rate is prevented from falling without discarding cached data by not caching the transfer data.

19/5/5 (Item 5 from file: 347)

06682183 **Image available**
METHOD AND DEVICE FOR DISTRIBUTING LOAD IN CLIENT SERVER SYSTEM

PUB. NO.: 2000-268012 [JP 2000268012 A]
PUBLISHED: September 29, 2000 (20000929)
INVENTOR(s): HIWATARI TERUMI
APPLICANT(s): NEC CORP
APPL. NO.: 11-067554 [JP 9967554]
FILED: March 12, 1999 (19990312)
INTL CLASS: G06F-015/177; G06F-015/16

ABSTRACT

PROBLEM TO BE SOLVED: To provide a sure high-reliability service to a client by enabling operation with an optimum load.

SOLUTION: Concerning a method for distributing a server load, in a client server system, each server 21 weights its own load condition to a CPU load, a job priority, a number of execution jobs and a number of job input queues respectively, allocates a threshold **value** (server load information weighting setting function part 211) and periodically **compares** this threshold **value** with sampled (server load information sampling function part 212) load information so as to perform load judgement for instructing

the acceptance or **interruption** of a local area network(**LAN**) traffic (**LAN** traffic acceptance discriminating function part 213). By timely **transmitting** load control information generated according to the result of the above load judgement to a load distributing device 1 connected to a LAN, the transmission of the LAN traffic to the relevant server is controlled (load distribution control executing function part 12).

19/5/6 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO

05964767 **Image available**
FAULT DETECTION METHOD AND CIRCUIT PROTECTION METHOD FOR TRANSMISSION SYSTEM

PUB. NO.: 10-247867 [JP 10247867 A]
PUBLISHED: September 14, 1998 (19980914)
INVENTOR(s): KAWAI HIDEKI
KIMURA SEIICHI
APPLICANT(s): NITTAN CO LTD [352235] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 09-048039 [JP 9748039]
FILED: March 03, 1997 (19970303)
INTL CLASS: [6] H04B-003/46
JAPIO CLASS: 44.2 (COMMUNICATION -- Transmission Systems)
JAPIO KEYWORD:R007 (ULTRASONIC WAVES); R116 (**ELECTRONIC** MATERIALS -- Light Emitting Diodes, LED); R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers

ABSTRACT

PROBLEM TO BE SOLVED: To detect abnormality voltages, applied to applied to transmission lines and to protect a transmission circuit from a fault occurred, by means of abnormal voltage by judging whether abnormal voltage is applied to the transmission lines or not, based on a signal which is taken in during a specified period and detecting the fault of a transmission system.

SOLUTION: A fault-detection processing is to take in a signal transmitted to transmission lines 31 and 32 and to detect the fault during the specified period, when a return signal by transmission format is not scheduled without signal output from a transmission circuit 11. A central processing unit 100 discriminates whether a reception signal during the specified period is 'High' or 'Low'. When it is discriminated to be 'High', the fault is judged to have occurred. In such a case, a regular data communication processing is interrupted, and the signal is **continuously** outputted to the **transmission** circuit 11 through an interface 103 from the central processing unit 100. A switch circuit 13 is operated with the signal, and the connection of the 1transmission lines 31 and 32 and the reception circuit 12 is **interrupted** .

19/5/7 **(Item 7 from file: 347)**
DIALOG(R)File 347:JAPIO

05364151 **Image available**
SIGNAL TRANSMITTING METHOD IN PRIVATE PART WASHER

PUB. NO.: 08-319651 [JP 8319651 A]
PUBLISHED: December 03, 1996 (19961203)
INVENTOR(s): TAKAHANE TOSHIAKI
TANIMOTO NAOKI
SOGABE NOBUO
SAITO EIJI
OOHIRA AKICHIKA
APPLICANT(s): INAX CORP [330561] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-152473 [JP 95152473]
FILED: May 25, 1995 (19950525)
INTL CLASS: [6] E03D-009/08; H04Q-009/00
JAPIO CLASS: 28.1 (SANITATION -- Sanitary Equipment); 22.3 (MACHINERY -- Control & Regulation)

ABSTRACT

PURPOSE: To attain precise operation by transmitting discriminating signals to each of an operating signal and a state set signal, temporarily interrupting the state signal and preferring the operating signal when the operating signal and the state set signal are overlapped and transmitted by remote control operation.

CONSTITUTION: **Keys** 52 are worked from a remote control operating section 50 fitted while being separated from a stool 10, and an operating signal for private part washing, etc., and a state set signal for temperature setting, etc., are transmitted, thus operating the stool 10. A plurality of a series of signals such as a warm-water temperature, a closet-seat temperature, a room heating temperature, etc., are collected automatically for every fixed period and **transmitted continuously** in the state set signal at that time, When the operating signal of the election of wash water is **transmitted** during the **transmission** of the state set signal, the state set signal is **interrupted** temporarily, and the operating signal is **transmitted** preferentially. When the operating signal and the state set signal are **transmitted** , set signals as discriminating signals are transmitted before and after each signal. Accordingly, the stool can be operated precisely.

19/5/8 (Item 8 from file: 347)
DIALOG(R)File 347:JAPIO

05207658 **Image available**
METHOD AND DEVICE FOR MULTIPLEX TRANSMISSION CONTROL IN MULTIPLEX COMMUNICATION SYSTEM FOR VEHICLE

PUB. NO.: 08-163158 [JP 8163158 A]
PUBLISHED: June 21, 1996 (19960621)
INVENTOR(s): SUGIURA YASUHIRO
APPLICANT(s): YAZAKI CORP [351584] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 06-297498 [JP 94297498]
FILED: November 30, 1994 (19941130)
INTL CLASS: [6] H04L-012/40; B60R-016/02; H04L-012/42; H04Q-009/00
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 22.3 (MACHINERY -- Control & Regulation); 26.2 (TRANSPORTATION -- Motor Vehicles)

ABSTRACT

PURPOSE: To provide a method and a device for multiplex transmission

control for an IN-vehicle multiplex communication system capable of preventing all multiplex communication from becoming disabled due to the re-transmission of communication data by a faulty node.

CONSTITUTION: When a token in data received by a reception means 11-1 shows its own address, a transmission means 11-2 transmits data on which the address of the next node is set. The transmission means transmits the token after the lapse of a waiting time for a token occurrence counted by a token occurrence waiting time counting means 11b-1 after the last reception. A re-transmission control means 11-3 allows the transmission means to re-transmit the data on which the address of the next node is set after the lapse of a re-transmission response awaiting time to start after the completion of **transmission** . A **transmission restart** control means 11-4 allows the transmission means to **transmit** the data on which the address of the next node is set after the lapse of a re- **transmission interrupt** time when the number of times of re- **transmission** counted by a re- **transmission** frequency counting means 11b-3 reaches a prescribed **value** .

19/5/9 (Item 9 from file: 347)
DIALOG(R)File 347:JAPIO

04358556 **Image available**
ELECTRONIC LOCK DEVICE

PUB. NO.: 06-002456 [JP 6002456 A]
PUBLISHED: January 11, 1994 (19940111)
INVENTOR(s): TOIDA TORU
MUTA TOSHIYASU
KAWAKITA TATSUJIRO
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 04-185758 [JP 92185758]
FILED: June 22, 1992 (19920622)
INTL CLASS: [5] E05B-049/00
JAPIO CLASS: 31.9 (PACKAGING -- Other)
JAPIO KEYWORD:R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers)
JOURNAL: Section: M, Section No. 1588, Vol. 18, No. 193, Pg. 144, April 05, 1994 (19940405)

ABSTRACT

PURPOSE: To provide possibility of unlocking even under power failure by supplying the power required by an electronic lock part in a casing externally from a portable unlocking device, **transmitting** key information, and thereby driving the electric lock in the event of power **interruption** .

CONSTITUTION: The coupling part of a portable unlocking device which is to be set in a cash accommodator easing 2 of a public telephone to open and close an electronic lock externally, is approached to a bulkhead 23. From a battery 11 the power is supplied via a contactless coupling part 4, and power supplying is continued to different parts of the electronic lock part 3 from a power supply part 32. A control part 31 is raised, and upon demand of key information from the **electronic** lock part 3, a control part 13 of the portable unlocking device gives information necessary for unlocking to the coupling part 41. The control part 31 **compared** ; this information necessary for uncoupling with the specified **key** information registered in advance and unlocks the door 22 through a lock mechanism 23 in the body 2.

Thereby the **electronic** lock part 3 is operated only when the power is supplied externally and actuates unlocking even under power failure, and the contactless coupling part 4 is made difficult to judge from the outside so as to enhance the reliability.

19/5/10 (Item 10 from file: 347)
DIALOG(R)File 347:JAPIO

04308460 **Image available**
DATA TRANSFER SYSTEM AND TERMINAL EQUIPMENT FOR **NETWORK** SYSTEM

PUB. NO.: 05-300160 [JP 5300160 A]
PUBLISHED: November 12, 1993 (19931112)
INVENTOR(s): KIMURA KINJIROU
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 04-099361 [JP 9299361]
FILED: April 20, 1992 (19920420)
INTL CLASS: [5] H04L-012/42; G06F-013/00; G06F-013/00
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 45.2 (INFORMATION PROCESSING -- Memory Units)
JAPIO KEYWORD:R115 (X-RAY APPLICATIONS); R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers)
JOURNAL: Section: E, Section No. 1510, Vol. 18, No. 99, Pg. 53, February 17, 1994 (19940217)

ABSTRACT

PURPOSE: To simultaneously transfer data, which are desired to be transferred from a certain node, to the other node desired to be transferred the data at the time of transmission and to selectively receive the transferred data at the node in the case of reception.

CONSTITUTION: It is tested (step 21) whether transferred data are received or not and when the transferred data are received and transmission is not under execution, while referring to a managing table (step 26) it is tested (step 27) whether the transfer destination address of the received data is registered or not. When it is registered on the managing table, the received data are processed (step 28) When no data is received, it is tested (step 22) whether the data are transmitted or not and when the data are not **transmitted** , a waiting state is **continued** by repeating the steps 21 and 22. When transmitting the data, a transfer source/destination identifier is added to the transfer data and they are **transmitted** (step 23). When the **transmission** is just under execution, the **transmission** is **interrupted** by a **transmission interruption** /restart block, and the step 26 is executed (step 25). When the transfer destination address of the received data is not registered on the managing table, the operation is returned to the step 21.

19/5/11 (Item 11 from file: 347)
DIALOG(R)File 347:JAPIO

04260473 **Image available**
SLOT ACCESS CONTROL METHOD

PUB. NO.: 05-252173 [JP 5252173 A]
PUBLISHED: September 28, 1993 (19930928)
INVENTOR(s): FURUSAWA TAKESHI

SHIGESA HIDEHIKO
SATO HIROSHI
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)
HITACHI COMPUTER ELECTRON CO LTD [488587] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 04-044753 [JP 9244753]
FILED: March 02, 1992 (19920302)
INTL CLASS: [5] H04L-012/42
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy)
JOURNAL: Section: E, Section No. 1487, Vol. 18, No. 10, Pg. 104, January 10, 1994 (19940110)

ABSTRACT

PURPOSE: To secure equitability in the transmission of data at each node in a ring transmission system such as a ring **LAN** , etc.

CONSTITUTION: A slot circulating on a transmission line is provided with a busy bit B and a continuous bit C. The node requesting the transmission transmits the data by acquiring the slot set in an (unused) state and setting the busy bit B at a (being used) state. The slot set in the (being used) is re-used when the node of a transmission origin requests the transmission, and the **value** of the continuous bit C is added. When the continuous bit C coincides with the upper limit **value** of the **continuous** number of times of **transmission** set in advance, the slot is set in a state of (re-use impossible), and it is released and is returned to the state (unused). Also, when **transmission** data is **interrupted** , the slot is released, and is set in the state (unused) even when the continuous bit C is less than the upper limit **value** .

19/5/12 (Item 12 from file: 347)
DIALOG(R)File 347:JAPIO

04154400 **Image available**
AUTOMATIC POWER INTERRUPTION/RECOVERY CONTROL SYSTEM

PUB. NO.: 05-146100 [JP 5146100 A]
PUBLISHED: June 11, 1993 (19930611)
INVENTOR(s): FUJISAKI SHINYA
TADACHI KATSUO
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 03-302871 [JP 91302871]
FILED: November 19, 1991 (19911119)
INTL CLASS: [5] H02J-013/00; H02J-003/38; H04B-003/54; H04Q-009/00
JAPIO CLASS: 43.3 (ELECTRIC POWER -- Transmission & Distribution); 22.3 (MACHINERY -- Control & Regulation); 29.4 (PRECISION INSTRUMENTS -- Business Machines); 42.5 (**ELECTRONICS** -- Equipment); 42.9 (**ELECTRONICS** -- Other); 44.2 (COMMUNICATION -- Transmission Systems); 45.9 (INFORMATION PROCESSING -- Other
JOURNAL: Section: E, Section No. 1439, Vol. 17, No. 535, Pg. 75, September 27, 1993 (19930927)

ABSTRACT

PURPOSE: To provide an automatic power interruption/recovery control system in building management system wherein automatic power interruption/recovery control can be realized positively in safety for unmanned building.

CONSTITUTION: In a system including an electric power company and a building to be fed with power therefrom and having a section 500 for receiving power information, the electric power company is provided with a section 900 generating a power recovery notifying signal representing trial of power **transmission** which is delivered **continuously** to the power information receiving section 500 through a communication medium (radio/satellite communication system or power line carrying system) during power **interruption** and power **transmission** trial.

19/5/13 (Item 13 from file: 347)
DIALOG(R)File 347:JAPIO

03769865 **Image available**
PICTURE COMMUNICATION EQUIPMENT

PUB. NO.: 04-134965 [JP 4134965 A]
PUBLISHED: May 08, 1992 (19920508)
INVENTOR(s): HAYASHI MASAHIRO
APPLICANT(s): MATSUSHITA GRAPHIC COMMUN SYST INC [330729] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 02-258108 [JP 90258108]
FILED: September 26, 1990 (19900926)
INTL CLASS: [5] H04N-001/32; H04N-001/21
JAPIO CLASS: 44.7 (COMMUNICATION -- Facsimile)
JOURNAL: Section: E, Section No. 1254, Vol. 16, No. 403, Pg. 140, August 26, 1992 (19920826)

ABSTRACT

PURPOSE: To reduce the waiting time of an operator substantially by providing a control means stopping a transmitting operation at one destination unit by the indication of an indicating means indicating an interruption and executing the storage operation of an interrupting original optionally while transmitting picture information stored in a storage means storing transmitting picture information to the plural destinations.

CONSTITUTION: A control panel 7 where the operator executes the indication of a transmission reserve and the like to a device, a communication unit control part 10 controlling a modem 8 and a **network** controller 9, a main control part 11, a RAM 12 for a control storing the control information of the main control part 11 such as priority reserve information and a program read on memory (a program ROM) 13 storing the control program of the main control part 11 are equipped. In this case, when the plural destinations are specified to the picture information allude stored, to the interruption of the next transmitting original, this transmission is stopped temporarily at the point of time when the transmission to certain destination is finished, the interrupting original is received, and a **transmission** process is **restarted** in accordance with the priority order of the communication. Thus, even while the device is under a multi-address communication, the **transmission** reserve of the **interrupting** original can be done, and it is possible to reduce the waiting time of the operator substantially.

19/5/14 (Item 14 from file: 347)
DIALOG(R)File 347:JAPIO

03764487 **Image available**

POWER TRANSMISSION CONTINUING DEVICE FOR MULTI-HEAD SEWING MACHINE

PUB. NO.: 04-129587 [JP 4129587 A]
PUBLISHED: April 30, 1992 (19920430)
INVENTOR(s): TAJIMA IKUO
SUZUKI HARUHIKO
APPLICANT(s): TOKAI IND SEWING MACH CO LTD [460018] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 02-251281 [JP 90251281]
FILED: September 19, 1990 (19900919)
INTL CLASS: [5] D05B-055/10; D05B-055/16; D05C-009/20; D05C-011/06
JAPIO CLASS: 30.3 (MISCELLANEOUS GOODS -- Clothing & Personal Belongings)
JOURNAL: Section: C, Section No. 976, Vol. 16, No. 394, Pg. 90, August 21, 1992 (19920821)

ABSTRACT

PURPOSE: To obtain a power **transmission continuing** device of a multi-head sewing machine easily switching the **transmission** and cutoff of the rotating force in a short time by providing an **interrupting** piece rotatably connecting or **disconnecting** a power **transmitting** piece and a driving piece depending on the slide position and an actuator giving the slide operating force to the **interrupting** piece.

CONSTITUTION: When an interrupting piece 110 is at the slide position in contact with the end face of a driving piece 100, projections 112, 114 are coupled with corresponding **key** grooves 98, 104, respectively. The rotating force of a direction control shaft 90 is transmitted to a power transmitting piece 96 through the driving piece 100 and interrupting piece 110. The rotation of the power transmitting piece 96 is transmitted to an intermediate shaft 80 through the engagement of a bevel gear 97 and an intermediate bevel gear 82 and converted into the rotation of a rotation control shaft 74. When the interrupting piece 110 is at the slide position in contact with the end face of the power transmitting piece 96, the projection 114 is released from the **key** groove 104 of the driving piece 100. The power transmitting piece 96, interrupting piece 110 and direction control shaft 90 can relatively be rotated, and the rotation transmission to the rotation control shaft 74 from the direction control shaft 90 is cut off. The transmission or cutoff of the rotation drive to the driven member of each sewing machine head from a driving shaft can be set in a very short time.

19/5/15 (Item 15 from file: 347)

03454367 **Image available**
PICTURE TRANSMITTER

PUB. NO.: 03-117267 [JP 3117267 A]
PUBLISHED: May 20, 1991 (19910520)
INVENTOR(s): HORII HIROYUKI
KAWAI HISASHI
YAMAGAMI MIGAKU
ITO HIROYASU
TAKAYAMA TADASHI
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-255510 [JP 89255510]
FILED: September 29, 1989 (19890929)
INTL CLASS: [5] H04N-001/32

JAPIO CLASS: 44.7 (COMMUNICATION -- Facsimile); 29.1 (PRECISION INSTRUMENTS -- Photography & Cinematography)
JAPIO KEYWORD: R116 (**ELECTRONIC** MATERIALS -- Light Emitting Diodes, LED); R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers
JOURNAL: Section: E, Section No. 1100, Vol. 15, No. 319, Pg. 75, August 14, 1991 (19910814)

ABSTRACT

PURPOSE: To **restart** **transmission** reception without interrupting a line by sending a tentative standby signal to an opposite party so as to allow the party to be in tentative standby state when immediate **transmission** reception is disabled due to any cause during **transmission** reception but **interruption** of the line is not desired.

CONSTITUTION: After the line connection by dial input, a sender side sends a transmission start request signal RS1', the sender side receives a reception OK signal 2' from a receiver side, sends a picture data signal 3' and sends a signal RS4' again after the end of transmission of one picture. When the preparation is not finished as remaining data still in a buffer, the reception side decides the state by a CPU 4, a transmission tentative standby request signal 5 is sent to the sender side, the line is not interrupted and the transmission of a picture data is awaited for a prescribed time by a timer. Upon the receipt of the reception OK signal 6' at the end of the preparation of reception from the receiver side, the sender side starts the transmission of a picture data and sends an end signal 8 when the transmission is finished or no signal 6' comes till the timer expires to interrupt the line. Thus, the transmission is in standby without interruption of the line and the transmission reception is continued after the end of preparation

19/5/16 (Item 16 from file: 347)
DIALOG(R)File 347:JAPIO

03425658 **Image available**
CHARGING MATCHING METHOD

PUB. NO.: 03-088558 [JP 3088558 A]
PUBLISHED: April 12, 1991 (19910412)
INVENTOR(s): FUNEKAWA KIMITOSHI
NAKAMURA HIROSHI
SUZUKI TAMAMI
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-223141 [JP 89223141]
FILED: August 31, 1989 (19890831)
INTL CLASS: [5] H04M-015/00
JAPIO CLASS: 44.4 (COMMUNICATION -- Telephone)
JOURNAL: Section: E, Section No. 1086, Vol. 15, No. 265, Pg. 147, July 05, 1991 (19910705)

ABSTRACT

PURPOSE: To allow a charge integrating value on the network side and that of the terminal side to coincide with each other when the communication is ended by collating an integrating value of a charge brought to charging processing in the terminal and an integrating **value** of a charge in the **network** , and taking the **matching** so that both of them are allowed to coincide with each other if there is a difference, when the communication is ended.

CONSTITUTION: After a call connection to a network 20 from a terminal 1, in the network 20, a call controller 22 derives a necessary charging period by referring to a charging message rate table 23, and a notice of the charging period is executed to the terminal 1 from a signal transmitting/receiving device 21. In the terminal 1, the informed charging period is registered in a charging message rate storage device 16. In the terminal 1, a charge is integrated by measuring a communication time by a timer 15, and its integrating value is registered in a charging memory 13. When the terminal 1 being the **transmitting** side **disconnects** the communication, its integrating value is added to a **disconnecting** signal and sent out to the network 20. In the network 20, the call controller 22 registers its integrating value in a charging device 26. Subsequently, the network 20 sends a release signal to the terminal 1, the terminal 1 sends a release confirming signal to the network 20, and the operation is ended.

19/5/17 (Item 17 from file: 347)

03349667 **Image available**

ACCIDENT POINT LOCATING SYSTEM FOR DISTRIBUTION LINE AND ACCIDENT SECTION DETACHING SYSTEM

PUB. NO.: 03-012567 [JP 3012567 A]
PUBLISHED: January 21, 1991 (19910121)
INVENTOR(s): NOGUCHI TOSHIRO
APPLICANT(s): KYUSHU ELECTRIC POWER CO INC [358915] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-147969 [JP 89147969]
FILED: June 08, 1989 (19890608)
INTL CLASS: [5] G01R-031/08; H02J-013/00
JAPIO CLASS: 46.1 (INSTRUMENTATION -- Measurement); 43.3 (ELECTRIC POWER -- Transmission & Distribution)
JAPIO KEYWORD:R012 (OPTICAL FIBERS)
JOURNAL: Section: P, Section No. 1185, Vol. 15, No. 127, Pg. 75, March 27, 1991 (19910327)

ABSTRACT

PURPOSE: To detect an operation point of a ground sensor by short-circuiting a signal line for connecting the sensor and a slave station by an operation of the ground sensor provided on each distribution line supporting object in each distribution section, and measuring a loop resistance **value** based on a line resistance.

CONSTITUTION: For instance, when a ground accident is generated in a third pole in a distribution section (c), a ground sensor 33 detects it and sends it to a slave station 30, and the slave station 30 puts a discrimination code thereto and transmits 11 it to a master station 10 at a high speed. When a detection current of the sensor 33 is feeble, or it is recovered instantaneously, the master station 10 does not detach the accident section (c), but when a ground current is detected 1 continuously, a section switch to be opened and a loop point switch to be turned on are calculated 12 and a command is outputted to a prescribed slave station from the master station 10. First of all, a slave station 60 turns on a loop point switch SW, based on this command, and subsequently, slave stations 30, 40 open a section switch DM2 and DM3. In such a way, the section (c) is detached but power **transmission** is **continued** from a substation SS to sections (a), (b), and adaptable power **transmission** is executed newly to sections (d), (e) from a loop switch side. Accordingly, it does not occur that a service

interruption is generated in a sound section.

19/5/18 (Item 18 from file: 347)
DIALOG(R)File 347:JAPIO

02503681 **Image available**
KEY TELEPHONE SYSTEM

PUB. NO.: 63-120581 [JP 63120581 A]
PUBLISHED: May 24, 1988 (19880524)
INVENTOR(s): KAMEDA MASAYUKI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 61-266220 [JP 86266220]
FILED: November 08, 1986 (19861108)
INTL CLASS: [4] H04Q-003/58; H04M-003/48
JAPIO CLASS: 44.4 (COMMUNICATION -- Telephone)
JOURNAL: Section: E, Section No. 665, Vol. 12, No. 369, Pg. 47, October 04, 1988 (19881004)

ABSTRACT

PURPOSE: To automatically release the setting of repetitive automatic re-transmission in case a called party comes no longer busy by constituting the titled telephone system so that a ring back tone detection circuit detects a ring back tone and releases the setting of repetitive automatic re-transmission when the repetitive automatic re-transmission is operating.

CONSTITUTION: It is assumed that a **key** telephone system Ti is connected to a trunk Lg to execute a repetitive automatic re-transmission and that a ringing signal is returned from the opposite office through the trunk Lg, this ringing signal is detected by a ring back tone detection circuit 21-g that is correspondent to the trunk Lg, and the circuit 21-g supplies a ring back tone detection data to a control circuit 41. Upon receiving the said data, the control circuit 41 releases the repetitive automatic re-transmission. Accordingly, like normal **transmission** , the ring back tone is **continuously transmitted** until the callee responds or the called party stops the transmission itself. As a result, in case the called party comes no longer busy, the setting of repetitive automatic re-**transmission** can be released, and such an inconvenience that the line is **disconnected** even though the opposite station is responding.

19/5/19 (Item 19 from file: 347)
DIALOG(R)File 347:JAPIO

02290165 **Image available**
OMR SHEET OF FACSIMILE EQUIPMENT

PUB. NO.: 62-207065 [JP 62207065 A]
PUBLISHED: September 11, 1987 (19870911)
INVENTOR(s): KAWADA TADAO
NAGASE YOSHISHIGE
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 61-048668 [JP 8648668]
FILED: March 07, 1986 (19860307)
INTL CLASS: [4] H04N-001/32; H04N-001/00

JAPIO CLASS: 44.7 (COMMUNICATION -- Facsimile)
JAPIO KEYWORD:R101 (APPLIED **ELECTRONICS** -- Video Tape Recorders, VTR
JOURNAL: Section: E, Section No. 586, Vol. 12, No. 65, Pg. 14, February 27, 1988 (19880227)

ABSTRACT

PURPOSE: To automatically **restart** and **continue** the **continuous transmission** before intermission to a preceding destination after the interruption **transmission** by providing an intermission preserving command marking part and a release command marking part releasing the preservation of intermission after **interruption** transmission and commanding the **transmission** restart to the destination in a memory to an OMR sheet.

CONSTITUTION: When an OMR sheet detection section 10 detects a notch 2 of an OMR sheet 1 during the transmission to a destination A, a telephone number of the destination A is stored in a telephone number storage section 11 to activate a read drive section 12. At the time of a preservation/release mark detection **section** 13 detects the presence of a mark in a marking part 3 on the OMR sheet 1, a transmission section 15 starts a dialing section 16, which gives dialing of a telephone number of a destination B read from a marking part 5 of the OMR sheet 1 by a telephone number mark detection section 14 to send information of an original (b) to the destination B.

19/5/20 (Item 20 from file: 347)
DIALOG(R)File 347:JAPIO

01861350 **Image available**
CHANNEL MECHANISM

PUB. NO.: 61-075450 [JP 61075450 A]
PUBLISHED: April 17, 1986 (19860417)
INVENTOR(s): KOSAKA TAKASHI
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 59-196202 [JP 84196202]
FILED: September 19, 1984 (19840919)
INTL CLASS: [4] G06F-013/12; G06F-013/28
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JAPIO KEYWORD:R129 (**ELECTRONIC** MATERIALS -- Super High Density Integrated Circuits, LSI & GS; R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers
JOURNAL: Section: P, Section No. 490, Vol. 10, No. 247, Pg. 58, August 26, 1986 (19860826)

ABSTRACT

PURPOSE: To interrupt and restart data transmission at a request from a terminal device during DMA actuation by providing a data transmission/restarting control circuit composed of simple hardware.

CONSTITUTION: An XOFF detecting circuit 23 and an XON detecting circuit 2 in the data transmission interruption/restarting control circuit 10 monitors data on a data bus; and the circuit 23 detects a transmission interrupt code XOFF transmitted from the terminal device through a communication LSI and outputs a detection signal and the circuit 24 detects a **transmission restart** code XOFF and outputs a detection signal. An FF28 has state transition according to which of the codes XOFF and XON is detected and indicates that the data **transmission** needs to be

interrupted or restarted. An FF32 has state transition according to the state of the FF28 and indicates the timing of the interruption or restarting of the data transmission. Consequently, the data transmission is interrupted and restarted during DMA actuation as it is.

19/5/21 (Item 21 from file: 347)
DIALOG(R)File 347:JAPIO

01174144 **Image available**
MONITORING AND CONTROLLING SYSTEM FOR LINE NONCOMMUNICATION TIME

PUB. NO.: 58-111544 [JP 58111544 A]
PUBLISHED: July 02, 1983 (19830702)
INVENTOR(s): IKEMOTO KOZO
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 56-214562 [JP 81214562]
FILED: December 25, 1981 (19811225)
INTL CLASS: [3] H04L-013/00; G06F-003/04; H04B-003/46
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 44.2 (COMMUNICATION -- Transmission Systems); 45.3 (INFORMATION PROCESSING -- Input Output Units)
JOURNAL: Section: E, Section No. 200, Vol. 07, No. 218, Pg. 163, September 28, 1983 (19830928)

ABSTRACT
PURPOSE: To make the monitor of non communication time of each device short in time and to reduce the line usage disabling time due to busy, through by transmitting a dummy telegraphic message from one to the other device at noncommunication at each prescribed time, and disconnecting the line when the message is transmitted for a prescribed number of times.

CONSTITUTION: A noncommunication monitor time T of a host system 2 is set larger than a noncommunication monitor time (t) of a terminal system 1 and both the times are set as small as possible. A dummy telegraphic transmission section 10 transmits the dummy telegraphic message when the noncommunication time exceeds the monitor time (t) to a dummy telegraphic message reception section 14 of a host system 2. The clock of time monitor sections 9, 15 of the host systems 1, 2 is reset to the initial **value** . When the noncommunication time is further **continued** , the dummy telegraphic message is **transmitted** to the host system 2 from the terminal system 1 at each time (t), and when the number of **transmission** of the dummy telegraphic message is a prescribed number of times or over, the line is **disconnected** from line **disconnection** processing sections 12, 16.

19/5/22 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

016385716 **Image available**
WPI Acc No: 2004-543625/200452
XRPX Acc No: N04-429855
Memory component content comparing method for electronic device, involves determining device identifiers and checksum values in electronic devices, and comparing them with each other to correspond memory contents with each other
Patent Assignee: NOKIA CORP (OYNO); AHVENAINEN M T (AHVE-I); MAKELA J

(MAKE-I); VIHMALO J (VIHM-I)
Inventor: AHVENAINEN M T; MAKELA J; VIHMALO J; AHVENAINEN M; MAEKELAE J
Number of Countries: 107 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200459527	A1	20040715	WO 2003FI969	A	20031217	200452 B
FI 200202297	A	20040701	FI 20022297	A	20021231	200457
AU 2003288302	A1	20040722	AU 2003288302	A	20031217	200476
US 20050007838	A1	20050113	US 2003747779	A	20031229	200506

Priority Applications (No Type Date): FI 20022297 A 20021231
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200459527	A1	E	31	G06F-017/30	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

FI 200202297	A		G06F-000/00	
AU 2003288302	A1		G06F-017/30	Based on patent WO 200459527
US 20050007838	A1		G11C-007/00	

Abstract (Basic): WO 200459527 A1

NOVELTY - The method involves determining device identifiers and two set of checksum values in **electronic** devices (200,202). An initialization message is transmitted from the device (200) to device (202), where the message has an identifier and the **values** . The identifiers and the check-sum **values** are **compared** with each other, and if they are not corresponding with each other memory contents are then caused to correspond with each other.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a system comprising electronic devices

(b) an electronic device comprising a memory component, a device identifier and establishing a data transmission to another device

(c) a software product for comparing the contents of memory components in electronic devices.

USE - Used for comparing content of memory component e.g. Nonvolatile RAM cache memory component, between two electronic devices (claimed).

ADVANTAGE - The method provides an accurate robust data **transmission** between memory components that can be **interrupted** and continued later on at the same point. The method increases the data **transmission** rate and maintains the robustness of the data. The energy consumption of the electronic device can be optimized, thus simplifying and enabling the use of high-capacity mass memory technology in mobile station.

DESCRIPTION OF DRAWING(S) - The drawing shows a simplified block diagram of the structures of two electronic devices comprising symmetrical cache memory components.

Electronic devices (200,202)
Wireless connection (206)
Processor micro control unit (208)
Mass memory (210)
Non volatile RAM cache memory components (212,214)
pp; 31 DwgNo 2/5

Title Terms: MEMORY; COMPONENT; CONTENT; COMPARE; METHOD; ELECTRONIC;

DEVICE; DETERMINE; DEVICE; IDENTIFY; VALUE; ELECTRONIC; DEVICE; COMPARE; CORRESPOND; MEMORY; CONTENT
Derwent Class: T01
International Patent Class (Main): G06F-000/00; G06F-017/30; G11C-007/00
International Patent Class (Additional): G06F-011/00
File Segment: EPI

19/5/23 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014927812 **Image available**
WPI Acc No: 2002-748519/200281
System for direct peer to peer distributed network **using** web **shared backup storing device**
Patent Assignee: BIZMODELINE CO LTD (BIZM-N); BIZMODELLINE JH (BIZM-N)
Inventor: HONG J C; KIM J H; KWON B G
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2002046410	A	20020621	KR 200076335	A	20001214	200281	B
KR 375796	B	20030315	KR 200076335	A	20001214	200352	

Priority Applications (No Type Date): KR 200076335 A 20001214
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002046410	A		1	G06F-015/00	
KR 375796	B			G06F-015/00	Previous Publ. patent KR 2002046410

Abstract (Basic): KR 2002046410 A
NOVELTY - A system for a direct peer to peer distributed **network** is provided to secure a stable and reliable **distributed network** system **continuously** using a **web** sharing storage device at a communication using the **distributed network** system in the case that a power of a PC is turned-off or a communication is **interrupted** .
DETAILED DESCRIPTION - A data supply distributed **network** system server received an access permission request(1301) from a data request distributed **network** system checks whether a user may be connected by the data supply distributed **network** system(1302) and permits an access. The data supply distributed **network** system server checks whether a request may be received from the current data request distributed **network** system by calculating a frequently used of the distributed **network** system and **network** resources(1303). If the current distributed **network** system has an allowance capable of receiving a request of a data request client(1304), a shared DB is searched(1305), checks whether data are existed(1306), and transmits corresponding data to a data request client(1312).
pp; 1 DwgNo 1/10
Title Terms: SYSTEM; DIRECT; PEER; PEER; DISTRIBUTE; **NETWORK** ; **WEB** ; SHARE; STORAGE; DEVICE
Derwent Class: T01
International Patent Class (Main): G06F-015/00
File Segment: EPI

19/5/24 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014860763 **Image available**
WPI Acc No: 2002-681469/200273
XRPX Acc No: N02-537910
Sensor failure condition detection method for smart distributed **system based network, involves** disconnecting **microcontroller from network, if network errors reach critical value in microcontroller**
Patent Assignee: NICKELS R A (NICK-I); HONEYWELL INT INC (HONE)
Inventor: NICKELS R A
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020083378	A1	20020627	US 2000746288	A	20001221	200273	B
US 6795941	B2	20040921	US 2000746288	A	20001221	200462	

Priority Applications (No Type Date): US 2000746288 A 20001221
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020083378	A1		8	H04L-001/22	
US 6795941	B2			G01R-031/28	

Abstract (Basic): US 20020083378 A1
NOVELTY - The microcontrollers (120n) are allowed to generate and store network communication errors in a counter. If the counter value in specific microcontroller is equal to or less than 128, the microcontroller is allowed to notify host computer (103). If the counter value is equal to or less than 256, the microcontroller is allowed to notify host computer and be disconnected from network.
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:
(1) Controllable sensor's health diagnosing method;
(2) Potential or impending failures diagnosing method.
USE - For detecting failure condition of sensor comprising microcontrollers in smart distributed system based network.
ADVANTAGE - Saves the network engineer a great deal of time and cost resources while assisting in keeping the process continuously running, as the count of the communication errors generated by microcontrollers in the **network** are **compared** with specific **values** . Allows operator to determine whether each sensor or device is communicating with the **network** and/or whether each sensor is operational regardless of communicating with the **network** .
DESCRIPTION OF DRAWING(S) - The figure shows a controller area network (CAN) based sensor.
Host computer (103)
Microcontroller (120n)
pp; 8 DwgNo 4/5
Title Terms: SENSE; FAIL; CONDITION; DETECT; METHOD; SMART; DISTRIBUTE; SYSTEM; BASED; NETWORK; DISCONNECT; NETWORK; NETWORK; ERROR; REACH; CRITICAL; VALUE
Derwent Class: S02; T01; W01
International Patent Class (Main): G01R-031/28; H04L-001/22
International Patent Class (Additional): G06F-011/00; G06F-015/173; H02H-003/05; H03K-019/03; H04B-001/74; H05K-010/00
File Segment: EPI

19/5/25 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014226672 **Image available**

WPI Acc No: 2002-047370/200206
Method for transmitting information between web **server and client**
Patent Assignee: HYUNDAI MOTOR CO LTD (HYUN-N); KIA MOTORS CORP (KIAM-N)
Inventor: PARK C S; SIM G J; SHIM G J
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 2001056404	A	20010704	KR 9957859	A	19991215	200206	B
KR 353990	B	20020926	KR 9957859	A	19991215	200322	

Priority Applications (No Type Date): KR 9957859 A 19991215
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001056404	A		1	G06F-017/40	
KR 353990	B			G06F-015/16	Previous Publ. patent KR 2001056404

Abstract (Basic): KR 2001056404 A

NOVELTY - A method for transmitting information between a **web** server and a client is provided to enhance a **transmitting** efficiency by automatically performing a **reconnecting** , thereby receiving data which were not **transmitted** only when a connection to a **web** server is **disconnected** .

DETAILED DESCRIPTION - A client connects to a **web** server providing information through the **Internet network** . The client requests wanted information to the **web** server. If an instruction for requesting a supply of information is received, the **web** server searches the corresponding information having a plurality of data in a database. In addition, the **web** server transmits the searched corresponding information to the client by allocating an index to each data, and stores an address of the client and data information to be transmitted in a fixed area. If the information is received incorrectly, the client reconnects to the **web** server and requests information from an index which was not received. The **web** server searches transmitting information stored in the fixed area and transmits the information from an index which was not received to the client.

pp; 1 DwgNo 1/10

Title Terms: METHOD; TRANSMIT; INFORMATION; **WEB** ; SERVE; CLIENT
Derwent Class: T01
International Patent Class (Main): G06F-015/16; G06F-017/40
File Segment: EPI

19/5/26 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014028737 **Image available**
WPI Acc No: 2001-512951/200156
Related WPI Acc No: 2001-475398; 2001-549110
XRPX Acc No: N01-379806
Routing switcher network **such as multi-format adaptive plesiochronous** network **receives latency free continuous data with bursty data and packetized data without disrupting laminarity of data**
Patent Assignee: PHYSICAL OPTICS CORP (PHYS-N)
Inventor: JANNSON T P; LINDSEY L; PANAHI A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6226296	B1	20010501	US 97784351	A	19970116	200156	B

US 97861438 A 19970521

Priority Applications (No Type Date): US 97784351 A 19970116; US 97861438 A 19970521
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 6226296 B1 57 H04J-003/26 Cont of application US 97784351
Abstract (Basic): US 6226296 B1

NOVELTY - A user connected to router with full duplex loop **transmits** serialized signal with latency free **continuous** data and one of bursty data and packetized data through signal transmitting system having time division multiplexer and timing control block. The **transmitted** data is received by user at signal receiving system without disrupting laminarity of the data.

DETAILED DESCRIPTION - A topology adaptive tie-line (TAT) having full duplex router interconnects is connected to a router. The interconnects are selected from group consisting of looping, point-to-point connection and parallel ring connection. The signal receiving system includes time division demultiplexer and a detector. The multiplexer simultaneously transfers base band latency free continuous real time multimedia data. The **network** has n' users and N' lines, where N less than n and system is quasi-latency free such that there is no contention at least part of the time. Each user includes 1:2 bypass switch for redundant switching.

USE - Routing switcher **networks** such as multi-format adaptive plesiochronous (MAP) **network** , metropolitan area **network** (MAN), for transferring continuous data e.g. video and audio data with bursty data and/or packetized data.

ADVANTAGE - As topology adaptive tie-line (TAT) is adopted, sensitive data laminarity, low cost, user actuated reconfiguration, high bandwidth utilization are achieved. As the **network** is latency free with respect to all of transmitted data streams, motion artifacts does not show up in the video, as a result of high traffic data, when transmitting bursty data file with continuous video data.

DESCRIPTION OF DRAWING(S) - The figure shows a high level block diagram of time division multiplexer and demultiplexer connected through fiber optic tie-line.

pp; 57 DwgNo 2/46

Title Terms: ROUTE; SWITCH; **NETWORK** ; MULTI; FORMAT; ADAPT; PLESIOCHRONOUS ; **NETWORK** ; RECEIVE; LATENT; FREE; CONTINUOUS; DATA; BURST; DATA; DATA; DISRUPT; DATA
Derwent Class: V07; W01; W02
International Patent Class (Main): H04J-003/26
File Segment: EPI

19/5/27 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013922139 **Image available**
WPI Acc No: 2001-406352/200143
XRPX Acc No: N01-300595
Dynamic or adaptive reduction of transmit interrupts in mixed IP/IPX protocol environment, involves generating transmit interrupt after parsing and determining if transmit packet is IP or IPX packet
Patent Assignee: ANONYMOUS (ANON)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week

RD 441033 A 20010110 RD 2000441033 A 20001220 200143 B

Priority Applications (No Type Date): RD 2000441033 A 20001220
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
RD 441033 A 3 H04L-000/00

Abstract (Basic): RD 441033 A

NOVELTY - The method involves parsing each transmit packet on a server to see if it is an IP or an IPX packet. If it is an IP packet, it is passed to the NIC hardware and an interrupt delay timer is started. When the timer expires, a transmit interrupt is generated. If the transmit packet is an IPX packet, the NIC is forced to process the IPX packet and immediately generate transmit interrupt.

DETAILED DESCRIPTION - **Transmit** packets that are IP packets **restart** the timer. If a **transmit** packet is passed to the **network** interface card (NIC) hardware before the initial packet's delay timer expires, the number of **transmit interrupts** is reduced by 1. If IPX packet is detected, it is passed to the NIC hardware and the delay timer is not set. Assuming the IPX packet is passed to the hardware before the initial packet's delay timer expires, the goal of generating only one transmit interrupt is achieved for two packets.

USE - Used in mixed IP/IPX protocol **network** environments.

ADVANTAGE - Reduces number of transmit interrupts generated by I/O controller without reducing number of transmit packets. Reduces CPU utilization because system has less interrupts to process each and every time a packet is transmitted. Has advantages that grow exponentially with greater volumes of traffic and with more IP than IPX traffic. Multiple IP packets can be processed before a single transmit interrupt is generated due either to the interrupt delay timer expiring or transmission of an IPX packet.

DESCRIPTION OF DRAWING(S) - The figure shows a flow chart of the dynamic or adaptive reduction of transmit interrupts in mixed IP/IPX protocol environment.

pp; 3 DwgNo 1/1

Title Terms: DYNAMIC; ADAPT; REDUCE; TRANSMIT; INTERRUPT; MIX; IP; PROTOCOL ; ENVIRONMENT; GENERATE; TRANSMIT; INTERRUPT; AFTER; PARSE; DETERMINE; TRANSMIT; PACKET; IP; PACKET
Derwent Class: T01; W01
International Patent Class (Main): H04L-000/00
File Segment: EPI

19/5/28 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013766805 **Image available**
WPI Acc No: 2001-251016/200126
XRPX Acc No: N01-179343

Information forwarding for integrated service digital network **line switching service, involves returning call message immediately and disconnecting transmission terminal after confirmation of message reception**

Patent Assignee: NTT ELECTRONIC TECHNOLOGY KK (NITE); TG JOHO NETWORK KK (TGJO-N); TOKYO GAS CO LTD (TOLG)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 2001045169 A 20010216 JP 99215170 A 19990729 200126 B

Priority Applications (No Type Date): JP 99215170 A 19990729
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2001045169 A 6 H04M-011/00

Abstract (Basic): JP 2001045169 A
NOVELTY - A transmission terminal transmits information along with specific information that indicates **continuous transmission** of UUI included in call setting message to receiving call terminal. The receiving terminals confirm validity of receiving call upon reception of data. A call message is returned and **disconnection** from **transmission** terminal is performed, after confirmation of received message.
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for information forwarding terminal.
USE - For forwarding user-user information (UUI) in call control message of ISDN line-switching service.
ADVANTAGE - Utilizes less resource of net for transmission and reception of UUI and hence transmission of UUI is performed in short time.
DESCRIPTION OF DRAWING(S) - The figure shows explanatory drawing of sequence of UUI forwarding method. (Drawing includes non-English language text).
pp; 6 DwgNo 2/4
Title Terms: INFORMATION; FORWARDING; INTEGRATE; SERVICE; DIGITAL; **NETWORK**; LINE; SWITCH; SERVICE; RETURN; CALL; MESSAGE; IMMEDIATE; DISCONNECT; TRANSMISSION; TERMINAL; AFTER; CONFIRM; MESSAGE; RECEPTION
Derwent Class: W01
International Patent Class (Main): H04M-011/00
International Patent Class (Additional): H04L-029/08
File Segment: EPI

19/5/29 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013491596 **Image available**
WPI Acc No: 2000-663539/200064
XRPX Acc No: N00-491569
Speed-limited controlling method and device of over and/or under speed for motorcycle injection engine - is using sensors feedback signals to electronic **controlling unit to** compare **with set** value **for controlling the speed within**
Patent Assignee: KWANG YANG MOTOR CO LTD (KWAN-N)
Inventor: HUANG S; JANG Y
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
TW 390941 A 20000521 TW 99105383 A 19990403 200064 B

Priority Applications (No Type Date): TW 99105383 A 19990403
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
TW 390941 A 19 F02D-041/30

Abstract (Basic): TW 390941 A
NOVELTY - The speed-limited controlling method and device of over and/or under speed for motorcycle injection engine, uses an **electronic**

control unit to collect the signals from a speed sensor and a throttle valve-opening sensor, and then analyzes and **compares** them with set **values** of an **electronic** control unit. When the speed is over speed, it immediately interrupts the fuel injection from injection device and force to reduce the speed till the speed is reduced to set value, and then restore to supply the fuel for precisely controlling the speed within the legal speed. Besides, when the speed is near to zero, the opening of throttle valve is near full open. After the time is over the set valve of time cycle, it will immediately **interrupt** the fuel injection from fuel nozzle to prevent automatic speed **transmission** system from burning damage and to exactly protect the automatic speed transmission system.

USE - For controlling speed of motor cycle engine to prevent damage to transmission.

ADVANTAGE - Prevents automatic speed transmission system from burning damage.

pp; 19 DwgNo 1/6

Title Terms: SPEED; LIMIT; CONTROL; METHOD; DEVICE; SPEED; MOTORCYCLE; INJECTION; ENGINE; SENSE; FEEDBACK; SIGNAL; ELECTRONIC; CONTROL; UNIT; COMPARE; SET; VALUE; CONTROL; SPEED

Derwent Class: Q52; X22

International Patent Class (Main): F02D-041/30

File Segment: EPI; EngPI

19/5/30 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

011364083 **Image available**

WPI Acc No: 1997-341990/199731

XRPX Acc No: N97-283694

Multi-channel high speed data transfer method for digital mobile communication system - using non-transparent data connection between transmitter and receiver, and allocating parallel sub-channels corresponding to nominal data transfer rate on radio interface, and retransmitting defective frames

Patent Assignee: NOKIA TELECOM OY (OYNO)

Inventor: JOKINEN H; KANERVA M; RASANEN J; HONKASALO H; RAESAENEN J

Number of Countries: 075 Number of Patents: 015

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9723073	A1	19970626	WO 96FI669	A	19961217	199731	B
FI 9506087	A	19970619	FI 956087	A	19951218	199738	
AU 9710994	A	19970714	AU 9710994	A	19961217	199744	
NO 9703765	A	19970815	WO 96FI669	A	19961217	199746	
			NO 973765	A	19970815		
EP 809901	A1	19971203	EP 96941680	A	19961217	199802	
			WO 96FI669	A	19961217		
FI 101332	B1	19980529	FI 956087	A	19951218	199828	
US 5793744	A	19980811	US 96690262	A	19960724	199839	
JP 11501185	W	19990126	WO 96FI669	A	19961217	199914	
			JP 97522530	A	19961217		
KR 98702287	A	19980715	WO 96FI669	A	19961217	199927	
			KR 97705684	A	19970816		
AU 714170	B	19991223	AU 9710994	A	19961217	200011	
US 6052385	A	20000418	WO 96FI669	A	19961217	200026	
			US 97894397	A	19971126		
CN 1176030	A	19980311	CN 96191997	A	19961217	200209	
KR 355178	B	20021218	WO 96FI669	A	19961217	200336	

			KR 97705684	A	19970816	
CA 2210861	C	20040413	CA 2210861	A	19961217	200426
			WO 96FI669	A	19961217	
CN 1091986	C	20021002	CN 96191997	A	19961217	200525

Priority Applications (No Type Date): FI 956087 A 19951218
Cited Patents: WO 9501032; WO 9609708; WO 9627959; WO 9636146
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9723073	A1	E	28	H04J-003/16	
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN					
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG					
FI 9506087	A			H04J-003/16	
AU 9710994	A				Based on patent WO 9723073
NO 9703765	A			H04J-000/00	
EP 809901	A1	E			Based on patent WO 9723073
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
FI 101332	B1			H04J-003/16	Previous Publ. patent FI 9506087
US 5793744	A			H04J-003/16	
JP 11501185	W		29	H04J-003/16	Based on patent WO 9723073
KR 98702287	A				Based on patent WO 9723073
AU 714170	B				Previous Publ. patent AU 9710994 Based on patent WO 9723073
US 6052385	A			H04J-003/16	Based on patent WO 9723073
CN 1176030	A			H04J-003/16	
KR 355178	B			H04J-003/16	Previous Publ. patent KR 98702287 Based on patent WO 9723073
CA 2210861	C	E		H04L-005/20	Based on patent WO 9723073
CN 1091986	C			H04J-003/16	

Abstract (Basic): WO 9723073 A

The method for high speed data transfer in a digital mobile communication system involves setting a non-transparent data connection having a number of parallel sub-channels allocated on the radio interface, the number being determined by a specific maximum transfer capacity. The user data is received from a terminal interface at a variable user data rate. The user data is transmitted over the non-transparent data connection in data frames by using a communication protocol which acknowledges data frames received correctly and retransmits defective frames. Data frames to be transmitted are held in a transmission buffer.

The buffered data frame is stored for possible retransmission until an acknowledgement is received. An actual user data rate is determined on the terminal interface, and a minimum number of sub-channels is determined from the actual user data rate. The user dat ais transmitted in dat frames only via specific sub-channels corresponding in number to the minimum number of sub-channels. Transmission is interrupted or discontinuous transmission is activated on each surplus sub-channel allocated to the connection. The fill level of the transmission buffer is monitored, and **transmission** is **continued** or the discontinuous **transmission** is deactivated on at least one of the surplus sub-channels if the fill level reaches a first threshold **value** . The **transmissio**n is **interrupted** or the discontinuous **transmission** is re-activated on at least one of the surplus sub-channels if the **transmission** buffer fill level decreases to a second threshold level.

USE/ADVANTAGE - For TDMA type mobile telecommunications systems.

- Avoids introduction of additional data transmission delays. Transmits frames of radio link protocol selectively only via specific sub-channels if maximum data transfer capacity is required.
Dwg.6/6

Title Terms: MULTI; CHANNEL; HIGH; SPEED; DATA; TRANSFER; METHOD; DIGITAL; MOBILE; COMMUNICATE; SYSTEM; NON; TRANSPARENT; DATA; CONNECT; TRANSMIT; RECEIVE; ALLOCATE; PARALLEL; SUB; CHANNEL; CORRESPOND; NOMINAL; DATA; TRANSFER; RATE; RADIO; INTERFACE; RETRANSMISSION; DEFECT; FRAME
Index Terms/Additional Words: RADIO; LINK; PROTOCOL
Derwent Class: W01; W02
International Patent Class (Main): H04J-000/00; H04J-003/16; H04L-005/20
International Patent Class (Additional): H04B-007/212; H04B-007/26; H04J-003/00; H04J-003/17; H04J-013/00; H04L-012/20; H04L-029/02; H04Q-007/22
File Segment: EPI

19/5/31 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX

008775354 **Image available**
WPI Acc No: 1991-279369/199138
XRPX Acc No: N91-213294
Power plant generator dynamic stability preservation - performing pulse discharge of generator in excess of measured power shedding with comparison against boundary values
Patent Assignee: DC HT ELECTR POWER (DCHT-R)
Inventor: KIRENKO G V; KOSHCHEEV L A; SHMELKIN B M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
SU 1601691	A	19901023	SU 4610889	A	19881103	199138	B

Priority Applications (No Type Date): SU 4610889 A 19881103

Abstract (Basic): SU 1601691 A
The after-emergency circuitry with **disconnection** of the most powerful network element, the **transmission** capacity of the **network** three-fold exceeds the specific power of the power plant. For this power shedding (dumping) is measured. At given instant of transition process the measured power damping is **compared** with the boundary **value** , corresp. to said time instant and pulse discharge of the generator on occurrence of the excess by the measured power of the boundary value. The hardware includes threshold element (2), switches (3,4), time elements (5,6), threshold elements (7,8), OR-gate (9) and actuator (10).
USE/ADVANTAGE - In electrical engineering, sustaining dynamic automation of power system. Simplified design. Bul.39/23.10.90. (3pp Dwg.No.1/2
Title Terms: POWER; PLANT; GENERATOR; DYNAMIC; STABILISED; PRESERVE; PERFORMANCE; PULSE; DISCHARGE; GENERATOR; EXCESS; MEASURE; POWER; SHED; COMPARE; BOUNDARY; VALUE
Derwent Class: X12
International Patent Class (Additional): H02J-003/24
File Segment: EPI

19/5/32 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX

007929462
WPI Acc No: 1989-194574/198927
XRAM Acc No: C89-086016

Method and appts. for continuous synthesis of reactor core power - uses partial complement of in-core neutron detectors in conjunction with core exit thermocouple to give accurate power distribution display

Patent Assignee: WESTINGHOUSE ELECTRIC CORP (WESE)
Inventor: GROBMYER L R; IMPINK A J
Number of Countries: 009 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 323280	A	19890705	EP 88312463	A	19881230	198927	B
US 4839134	A	19890613	US 87140065	A	19871231	198930	
JP 2006791	A	19900110	JP 88328102	A	19881227	199008	
JP 2628534	B2	19970709	JP 88328102	A	19881227	199732	

Priority Applications (No Type Date): US 87140065 A 19871231
Cited Patents: A3...9006; EP 241301; EP 243049; FR 2372495; No-SR.Pub; US 3752735; US 3998693
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 323280	A	E	8		
Designated States (Regional): BE CH ES FR GB IT LI					
US 4839134	A		13		
JP 2628534	B2		10	G21C-017/00	Previous Publ. patent JP 2006791

Abstract (Basic): EP 323280 A

An apparatus for adequately accurate continuous synthesis of power distribution in the core of a nuclear power reactor can comprise a partial complement of fixed strings of incore neutron flux detectors mounted permanently along the axes of some of the fuel assemblies, and a full complement of core exit thermocouples monitoring the temperature of reactor coolant, supplying signals to a reactor power distribution calculation and display system.

A computer code uses conventional core power mapping techniques to combine measured local axial power distributions with temperature measurements to create a power sharing map. whence power tilt corrections can be derived to facilitate the display to operators of a 3-dimensional display of core power distribution.

ADVANTAGE - (a) Reduction of cost of equipment needed for accurate, **continuous online** power **distribution** mapping, without sacrificing the accuracy achievable with a full complement of incore flux detectors; (b) Economical retro-fitting of full core power **distribution** mapping equipment in existing reactors; (c) Minimum errors resulting from **incomplete** calibration of neutron flux detec-tors; (d) Reduced frequency of use, and hence rate of wear, of existing movable incore detectors.

Title Terms: METHOD; APPARATUS; CONTINUOUS; SYNTHESIS; REACTOR; CORE; POWER ; COMPLEMENTARY; CORE; NEUTRON; DETECT; CONJUNCTION; CORE; EXIT; THERMOCOUPLE; ACCURACY; POWER; DISTRIBUTE; DISPLAY
Derwent Class: K06
International Patent Class (Main): G21C-017/00
International Patent Class (Additional): G21C-007/36; G21C-017/10; G21C-017/108
File Segment: CPI

19/5/33 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX

007484659 **Image available**
WPI Acc No: 1988-118593/198817
XRPX Acc No: N88-090052

Dual computer interface stage - feeds interrupt signal from first to receiving computer in data exchange mode

Patent Assignee: NOVIKOV N N (NOVI-I)
Inventor: LAZARENKO V I; RALKOV L V
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
SU 1341645	A	19870930	SU 4078222	A	19860520	198817	B

Priority Applications (No Type Date): SU 4078222 A 19860520
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
SU 1341645	A		4		

Abstract (Basic): SU 1341645 A

The interface has a three additional AND-gate gp decoder and second and third OR-gates to improve data transmission fidelity.

Computer (35), on data **transmission** on input (21), feeds a **continuous** series of synchro-pulses, which accompany data on the input (22). On the exchange of information, the **transmitting** computer (34,35) gives out an **interrupt** to the receiving computer. The number of **transmitted** words is transferred by a separate package - one word. The register (11) can be set in two states: state - 'record' - group (3) AND-gates enabled and state 'read' - group 3 AND-gates enabled. Computer (34) input (29) data sets register (5) state.

USE/ADVANTAGE - For computer systems, partic. for interfacing between computer **networks** . Bul.36/30.9.87.

1/1

Title Terms: DUAL; COMPUTER; INTERFACE; STAGE; FEED; INTERRUPT; SIGNAL; FIRST; RECEIVE; COMPUTER; DATA; EXCHANGE; MODE
Derwent Class: T01
International Patent Class (Additional): G06F-013/00
File Segment: EPI

19/5/34 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX

001238462
WPI Acc No: 1975-C2249W/197508

Control signalling system for broadcasting network - superimposes cue signals on programme signals for amplitude etc. evaluation

Patent Assignee: NAT PUBLIC RADIO (NATI-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 3866123	A	19750211				197508	B

Priority Applications (No Type Date): US 73336756 A 19730228

Abstract (Basic): US 3866123 A

In a system for alerting the interconnected individual stations of a radio **network** to **network** operational changes, tones having a predetermined amplitude and frequency are superimposed on the

transmitted signal without **interrupting** **transmission** . At a receiving station, the amplitude, and received tones is **compared** with a standard amplitude, and a frequency of a predetermined **value** is generated. The relationship between this frequency and the frequency of the received tones is evaluated by means of a phase comparator and a voltage-controlled oscillator. Whenever a desired frequency relationship is detected, a capacitor is discharge at a predetermined rate to a predetermined level. The capacitor is charged whenever any other frequency relationship exists.

Title Terms: CONTROL; SIGNAL; SYSTEM; BROADCAST; NETWORK; SUPERIMPOSED; CUE ; SIGNAL; PROGRAMME; SIGNAL; AMPLITUDE; EVALUATE

Derwent Class: W02; W03

International Patent Class (Additional): H04B-001/16

File Segment: EPI

?

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Set     Items   Description
S1     125965   COOKIE? ?
S2    7719431   VALUE? ? OR KEY? ?
S3    3977495   MATCH? OR COMPARE?
S4    6213580   DOWNLOAD? OR DISTRIBUT? OR DOWN()LOAD?
S5     731023   DISRUPT? OR INTERRUPT? OR INCOMPLETE? OR "NOT"()COMPLETE? -
            OR DISCONNECT?
S6    5721029   TRANSACT? OR SESSION? ? OR CONNECT?
S7    7920334   RESUME? ? OR RESUMPTION OR RESTART? OR RECONNECT? OR CONTI-
            NU?
S8        564   S1(5N)(MATCH? OR COMPAR?)
S9      11120   S4(8N)S5
S10         1   S9 AND S8
S11     86438   S2(5N)(MATCH? OR COMPAR?)
S12      2032   S9(S)S7
S13         5   S12(S)S1
S14         0   S11(S)S12
? show file
File   9:Business & Industry(R) Jul/1994-2005/Aug 24
         (c) 2005  The Gale Group
File  15:ABI/Inform(R) 1971-2005/Aug 25
         (c) 2005 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2005/Aug 25
         (c) 2005 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2005/Aug 25
         (c)2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2005/Aug 25
         (c) 2005 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Aug 25
         (c) 2005 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2005/Aug 25
         (c) 2005 The Gale Group
?
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13/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

08173941 Supplier Number: 67185347 (USE FORMAT 7 FOR FULLTEXT)
Opera for Windows 4.0.(Software Review)(Evaluation)
Holzberg, Carol S.
Home Office Computing, v18, n10, p30
Oct, 2000
Language: English Record Type: Fulltext
Article Type: Evaluation
Document Type: Magazine/Journal; Trade
Word Count: 405

... Netscape and IE bookmarks and using Netscape plug-ins. But there's more, ranging from **cookie** filtering and **resume** -after- **interruption downloads** to so many time-saving shortcuts you can operate Opera entirely from the keyboard. Our...

13/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

07800601 Supplier Number: 65161465 (USE FORMAT 7 FOR FULLTEXT)
Opera 4.(Opera 4 -- Opera Gets a Facelift, Contact Manager and E-mail)(Evaluation)
Lynch, Jim
WinMag.com, pNA
July 10, 2000
Language: English Record Type: Fulltext Abstract
Article Type: Evaluation
Document Type: Magazine/Journal; Trade
Word Count: 1092

... this release, I found no problems with page rendering.Opera 4 has some nice new **cookie** management features. You can opt to block or acceptcookies on a site by site basis...

...must-have functionality for future browsers). Another intreging new feature is Opera's ability to **resume interrupted downloads** . I tested this by starting a **download** and then killing my DSL connection. I then **reconnected** and Opera proceeded to **continue** my download with no problems. This is a great feature for anyone doing lots of...

13/3,K/3 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

12925654 SUPPLIER NUMBER: 67185347 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Opera for Windows 4.0.(Software Review)(Evaluation)
Holzberg, Carol S.
Home Office Computing, 18, 10, 30
Oct, 2000
DOCUMENT TYPE: Evaluation ISSN: 0899-7373 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 405 LINE COUNT: 00035

... using Netscape plug-ins. But there's more, ranging from cookie

filtering and resume-after- **interruption downloads** to so many time-saving shortcuts you can operate Opera entirely from the keyboard. Our ...

13/3,K/4 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

02460032 SUPPLIER NUMBER: 67185347 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Opera for Windows 4.0.(Software Review)(Evaluation)
Holzberg, Carol S.
Home Office Computing, 18, 10, 30
Oct, 2000
DOCUMENT TYPE: Evaluation ISSN: 0899-7373 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 405 LINE COUNT: 00035

... Netscape and IE bookmarks and using Netscape plug-ins. But there's more, ranging from **cookie** filtering and **resume** -after- **interruption downloads** to so many time-saving shortcuts you can operate Opera entirely from the keyboard. Our...

13/3,K/5 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

02432422 SUPPLIER NUMBER: 65161465 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Opera 4.(Opera 4 -- Opera Gets a Facelift, Contact Manager and E-mail)(Evaluation)
Lynch, Jim
WinMag.com, NA
July 10, 2000
DOCUMENT TYPE: Evaluation LANGUAGE: English RECORD TYPE: Fulltext ; Abstract
WORD COUNT: 1169 LINE COUNT: 00088

... this release, I found no problems with page rendering.Opera 4 has some nice new **cookie** management features. You can opt to block or acceptcookies on a site by site basis...

...must-have functionality for future browsers). Another intreging new feature is Opera's ability to **resume interrupted downloads** . I tested this by starting a **download** and then killing my DSL connection. I then **reconnected** and Opera proceeded to **continue** my download with no problems. This is a great feature for anyone doing lots of...

13/7/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

08173941 Supplier Number: 67185347 (THIS IS THE FULLTEXT)
Opera for Windows 4.0.(Software Review)(Evaluation)
Holzberg, Carol S.
Home Office Computing, v18, n10, p30
Oct, 2000
TEXT:
* Requirements: Win 95/98/NT 4.0/2000; 12HB of hard disk space for Java-enabled version * List Price: $39 * Manufacturer: Opera Software A/S, 47 23 23 48 68 (Norway), www.opera.com

HOC RATING 1 2 3 4 5 6 7 8

WHY SPEND $39 FOR A WEB BROWSER when you can get Microsoft Internet Explorer 5.5 or Netscape 6 for free? Opera buffs have answered "You get what you pay for" for years, and version 4.0 of the cult-favorite browser takes a step closer to being a mainstream challenger.

Even with its included e-mail client and news reader, Opera is streamlined, unlike bulky big-name browsers. Plain and Java-flavored versions are available for Psion/ EPOC and other operating systems (with Mac and Linux in the works) as well as Windows; the Windows version without Java support is just a 1.8MB download, making Opera ideal for users with small hard disks or slow Internet access.

Opera 4 does everything the big guys do, from supporting XML, WAP, and secure transactions (with 128-bit SSL2 encryption) to importing Netscape and IE bookmarks and using Netscape plug-ins. But there's more, ranging from **cookie** filtering and **resume** -after- **interruption downloads** to so many time-saving shortcuts you can operate Opera entirely from the keyboard. Our favorites toggle graphics, zoom in for a close-up, and open a dialog box of all links in the current frame. Pressing Shift-Ctrl while clicking a link allowed us to open a document in the background without resizing or displacing the currently open window.

Opera conveniently displays several documents at once, in cascading or tiled windows as necessary. User-configurable preferences let us specify how the browser identified itself when visiting Web sites, mimicking either Navigator or IE for better page compatibility.

Opera is slick and fast, but it's not perfect; we suffered several crashes (at press time, the company released a 4.02 upgrade to fix some). Overall, however, it's the most elegant browser available.

(pros) Speedy; compact; keyboard shortcuts for several tasks

(cons) Crashed several times; features may not work as anticipated

RATINGS

HOME OFFICE COMPUTING rates products on a scale of 1 to 10--with few 9's or 10's--based on value, performance, innovation (medals go to rare standouts in these areas), ease of use, and suitability for home offices. The (pros) and (cons) symbols indicate pros and cons.

13/7/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

07800601 Supplier Number: 65161465 (THIS IS THE FULLTEXT)
Opera 4.(Opera 4 -- Opera Gets a Facelift, Contact Manager and E-mail)(Evaluation)
Lynch, Jim
WinMag.com, pNA
July 10, 2000

ABSTRACT:
Opera Software offers Opera 4.0, a revamped version of its popular and lightweight Web browser product. Opera 4 includes a host of changes, including support for Web standards. In addition, Opera now has its own built-in e-mail client and contact manager; and Opera's interface has been redesigned to include option buttons and a Window bar. This release reflects that. Standards supported in this release include HTML 4.01, WAP and WML, CSS Level 1 and Level 2 (most parts of CSS 2 are supported), XML 1.0, XHTML 1.0, HTTP/1.1 and ECMA-262.
TEXT:
Things have been slow in the browser wars lately. AOL has taken its sweet time releasing the final version of Netscape 6 and Internet Explorer remains at version 5.5. Newer and sexier technologies, such as instant messaging and wireless net access, have stolen some of the thunder, taking center stage and elbowing the browsers out of the way. (click to see larger image)

Opera now comes with its own built-in e-mail and contact manager. You can easily set up filters and nest folders to organize your e-mail. Also included in this release is a new Window Bar (right above the e-mail tab) that makes it easier to navigate between open browser windows.Leave it to tiny Opera Software to storm the stage and grab audience attention by releasing version 4.0 of their lightweight browser. Opera 4 includes a host of changes, including support for Web standards. In addition, Opera now has its own built-in e-mail client and contact manager; and Opera's interface has been tweaked to include new buttons and a Window Bar. Opera Software has made no secret of its desire to adhere strictly to standards set by the W3C and the Internet Engineering Task Force. This release reflects that. Standards supported in this release include HTML 4.01, WAP and WML, CSS Level 1 and Level 2 (most parts of CSS 2 are supported), XML 1.0, XHTML 1.0, HTTP/1.1 and ECMA-262. In the past Opera's conformity to standards has been both a blessing and a curse, with sites coded specifically for IE or Netscape sometimes not displayed correctly in Opera. However, in this release, I found no problems with page rendering.Opera 4 has some nice new **cookie** management features. You can opt to block or acceptcookies on a site by site basis (this is going to be must-have functionality for future browsers). Another intreging new feature is Opera's ability to **resume interrupted downloads** . I tested this by starting a **download** and then killing my DSL connection. I then **reconnected** and Opera proceeded to **continue** my download with no problems. This is a great feature for anyone doing lots of downloads, particularly if you are still stuck on dial-up.Opera has retained its slim download size, weighing in at a petite 1.73MB. However, if you want Java included, the download size swells to a heftier 9MB. Installing Opera took only a couple of minutes and it imported automatically my existing Explorer bookmarks. I experienced no problems installing it on my Windows 2000 machine. Opera also seemed to take up significantly less RAM than IE or Netscape. When loading the same page, Opera used slightly over 4MB of RAM, with IE using slightly more than 12MB and Netscape 6 consuming a voluminous 17MB (bear in mind that Netscape 6 is still pre-release code and should not yet be held to as stringent a standard as the other two). When you first start Opera you'll notice that the interface looks considerably better than in previous versions. Developers have obviously called in the plastic surgeon to do a few nips and tucks. In past releases, some of Opera's button labels left something to be desired; in this release the buttons look better and their labels make more sense. Opera Software has also wisely included a new Window Bar option in the interface that allows you to easily click between open browser windows. The Window Bar can be placed at the top, bottom, left or right sides of the screen and improves navigation when you have multiple windows open. Kudos to Opera for including it! Also new in this release is a print preview feature and a tweaked full-screen mode.In release 4 Opera

has maintained its reputation for speed. I tested Opera 4 against IE 5.5 and Preview Release 1 of Netscape 6. For the most part Opera did very well, slightly edging out the other two browsers on all but two of my test sites (see table for results and test sites). I ran the tests on a 400Mhz PII running Windows 2000, 128MB of RAM and a DSL connection. Web Site Internet Explorer 5.5 Netscape 6 Preview Release Opera 4 Time 4 4 4 Winmag.com 13 4 4 CBS Marketwatch 5 5 4 Salon 4 5 3 USA Today 6 5 4 For this table we've rounded time to the nearest second. Opera Software has added a built-in e-mail client and contact manager to this release. In some ways this is a surprising choice, given the number of third party e-mail clients, the popularity of browser-based e-mail, and the dominance (at least on Windows) of Microsoft's Outlook and Outlook Express. Perhaps the time spent on the development of these two features might have been better allocated to the browser itself, given that Opera Software is such a small company when compared to the Microsoft/AOL juggernauts. Opera's e-mail client and contact management aren't going to make Microsoft lose any sleep. It simply can't compete directly with Outlook when it comes to features; Opera's e-mail and contact manager are slim, rather bare-bones applications. This is not necessarily a bad thing, however. Some of us might not need a bulky, memory-intensive application such as Outlook on our systems. If that's the case, Opera's slim but functional e-mail and contact management features could suffice. For example, the e-mail client lacks the integration of Outlook and Office, and the ability to import mail from other clients besides Eudora. The contact manager can't import contacts from other clients, and lacks Outlook's Notes and Calendaring features. In fact, it really functions more like an address book. Opera's e-mail still delivers the goods on must-have functionality such as filtering mail into folders (aka rules) and managing multiple accounts. Unfortunately, however, Opera seems to have no way to import existing contacts and can only import e-mail from Eudora. You're out of luck if you want to import mail or contacts from Outlook or Outlook Express. It would be nice if future versions of Opera were able to do this.The answer is an equivocal yes. If you are running state-of-the-art machines and are perfectly happy with your current browsers, you probably shouldn't bother--there's nothing here that will make you jump for joy (except perhaps a bit more speed). However, those with older machines or machines with less RAM or slower processors, will definitely appreciate Opera 4. Also, since Opera offers a 30-day free trial you certainly aren't going to lose anything by checking it out.

```
Set     Items   Description
S1      58313   COOKIE? ?
S2    7247024   VALUE? ? OR KEY? ?
S3    5656966   MATCH? OR COMPAR?
S4    4749519   DOWNLOAD? OR DISTRIBUT? OR DOWN()LOAD?
S5    8925564   DATA OR CONTENT? ? OR MUSIC? OR VIDEO OR MP3 OR SONG? ? OR
          SOFTWARE OR MOVIE? ?
S6     807809   DISRUPT? OR INTERRUPT? OR INCOMPLETE? OR "NOT"()COMPLETE? -
          OR DISCONNECT?
S7    5337363   TRANSACT? OR SESSION? ? OR CONNECT?
S8    8643148   RESUME? ? OR RESUMPTION OR RESTART? OR RECONNECT? OR CONTI-
          NU?
S9        219   S1(5N)S3
S10      9527   S4(10N)S6
S11         2   S9 AND S10
S12     61433   S2(5N)S3
S13      1902   S10(S)S8
S14         0   S13(2S)S1
S15         4   S13 AND S1
S16         6   S11 OR S15
S17         4   RD (unique items)
File  20:Dialog Global Reporter 1997-2005/Aug 25
         (c) 2005 Dialog
File 476:Financial Times Fulltext 1982-2005/Aug 25
         (c) 2005 Financial Times Ltd
File 610:Business Wire 1999-2005/Aug 25
         (c) 2005 Business Wire.
File 613:PR Newswire 1999-2005/Aug 25
         (c) 2005 PR Newswire Association Inc
File 624:McGraw-Hill Publications 1985-2005/Aug 25
         (c) 2005 McGraw-Hill Co. Inc
File 634:San Jose Mercury  Jun 1985-2005/Aug 24
         (c) 2005 San Jose Mercury News
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
```

17/3,K/1 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

39746795 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Safeco Corp. Analyst Meeting - Part 2
FAIR DISCLOSURE WIRE
November 16, 2004
JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 5070

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... offs. And, as a result of that one-off nature, managing them cannot be a **cookie** cutter approach **compared** to how you've done it across very similarly situated, say smaller agents, of which...the company to the agents temporarily. With respect to the separate management of underwriting and **distribution** , are you at all fearful that you could create a **disconnect** there that could result in a similar outcome, or are you counting largely on the...

17/3,K/2 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

25344319 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Feature - Utilities Special - 50 top free utilities.
Gordon Laing.
PC WORLD, p83
October 01, 2002
JOURNAL CODE: WPCW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 8127

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... but also runs on Windows 98 onwards. Improved privacy controls help you keep track of **cookies** on a site-by-site basis if necessary, thereby ensuring your information and preferences are...history of what you've downloaded and when.

DAP will additionally recover and resume a **download** which has been **interrupted** by a broken connection. Very handy even if it doesn't necessarily make your Internet... one of the Internet's scapegoats. Web programmers may assure us that a well-meaning **cookie** can enhance the browsing experience, but if you're unhappy about any of this going...

17/3,K/3 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

12983100 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Investing Online: A Refreshing Change
STEPHEN ECKETT
INVESTORS CHRONICLE, p44
September 15, 2000
JOURNAL CODE: FIC LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1032

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... not the case with web pages, which make one request to the remote server to **download** and display data, and then, effectively, **disconnect** from that remote server.
... used by web masters to simulate a constant state system. Some of these methods involve **cookies** or Java.
Also, some pages do update themselves automatically. For example, if you look at...

17/3,K/4 (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

12091163 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Online Spying Prompts Debate on Legislation
John Dorschner
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (MIAMI HERALD - FLORIDA)
July 23, 2000
JOURNAL CODE: KMHR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1502

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... interrupted, it remembers how much you've already received, so you don't have to **restart** from scratch.
Then techies discovered code that they believe gave Netscape and RealNetworks records of...

...individual and the Web site.
Much of the transfer of information is done through digital **cookies** , which serve as an electronic handshake between computer and Web site.
The site puts these **cookies** on users' hard drives with basic data about the site, so that the next time you visit it, the site loads more quickly.
Cookies can also contain personal information about a user's habits and interests so that the...

...tailor its information to better appeal to the viewer.
Because critics are concerned that some **cookies** send back too much personal information to a Web site, some politicians have suggested that **cookies** be banned entirely, "but that's one of the fundamental parts of the Web," said Stanley at Forrester.
"There is a great value in **cookies** ," said Gibson, even though it was a **cookie** that revealed his personal information to Real.com.
Thanks to a **cookie** , a viewer can create a MyYahoo page arranged with news that is most important to her.
Thanks to a **cookie** , Amazon.com can greet a returning customer with a specialized page, drawing on books he...

...so users can see how vulnerable their computers are.
Because of all the outcry about **cookies** , Microsoft announced Thursday that it would offer new options for its Explorer browser. Users would be able to block some **cookies** automatically or request that a warning box pop up any time a site attempts to put a **cookie** on the hard drive.
Netscape's browser has had similar **cookie** control devices for some time, but veteran surfers usually turn off such options because of...

... is Anonymizer.com, which offers a buffer (for $49.95 a year) that

provides Safe **Cookies** , meaning they can't be traced back to a specific computer.

Meanwhile, experts are reporting, some sites have now gone beyond **cookies** , using so-called Web bugs, which report back to the host site in ways that...

?

```
Set     Items   Description
S1       4978   COOKIE? ?
S2    1467554   VALUE? ? OR KEY? ?
S3    1354721   MATCH? OR COMPARE?
S4    1262241   DOWNLOAD? OR DISTRIBUT? OR DOWN()LOAD?
S5    2622868   ONLINE OR ON()LINE OR INTERNET OR WEB? OR NETWORK? OR PORT-
            AL? OR WWW OR CYBER? OR ELECTRONIC? OR SITE? ?
S6     136272   DISRUPT? OR INTERRUPT? OR INCOMPLETE? OR "NOT"()COMPLETE? -
            OR DISCONNECT?
S7     640926   TRANSACT? OR SESSION? ? OR CONNECT?
S8     809517   RESUME? ? OR RESUMPTION OR RESTART? OR RECONNECT? OR CONTI-
            NU?
S9         17   S1(5N)S3
S10      2412   S4(10N)S6
S11         0   S10 AND S8 AND S1
S12       164   S10 AND S8
S13        20   S12 AND S2
S14        37   S9 OR S13
S15        24   S14 NOT PY>2000
File   2:INSPEC 1969-2005/Aug W2
         (c) 2005 Institution of Electrical Engineers
File  35:Dissertation Abs Online 1861-2005/Jul
         (c) 2005 ProQuest Info&Learning
File  65:Inside Conferences 1993-2005/Aug W3
         (c) 2005 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2005/Jul
         (c) 2005 The HW Wilson Co.
File 474:New York Times Abs 1969-2005/Aug 25
         (c) 2005 The New York Times
File 475:Wall Street Journal Abs 1973-2005/Aug 25
         (c) 2005 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File 256:TecInfoSource 82-2005/Aug
         (c) 2005 Info.Sources Inc
```

15/5/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

6119219 INSPEC Abstract Number: B9902-8370-017
Title: Growth of vacuum interrupter **application in** distribution **switchgear**
Author(s): Slade, P.G.
Author Affiliation: Cutler Hammer, UK
Conference Title: Fifth International Conference on Trends in Distribution Switchgear: 400V-145kV for Utilities and Private Networks (IEE Conf. Publ. No.459) p.155-60
Publisher: IEE, London, UK
Publication Date: 1998 Country of Publication: UK viii+186 pp.
ISBN: 0 85296 705 5 Material Identity Number: XX98-03403
Conference Title: Fifth International Conference on Trends in Distribution Switchgear: 400V-145kV for Utilities and Private Networks
Conference Date: 10-12 Nov. 1998 Conference Location: London, UK
Language: English Document Type: Conference Paper (PA)
Treatment: Applications (A); Practical (P)
Abstract: This paper reviews the **continued** development of vacuum interrupter technology. It presents an analysis of why the use of the vacuum **interrupter** in equipment developed to switch and protect **distribution** circuits **continues** to increase. Firstly, results from the high level of R and D investment in this product are discussed. This discussion focuses on three major subjects: (a) the advances in the application of vacuum technology, (b) the understanding and the control of the vacuum arc, and (c) the development of new materials. It is then shown how the **continued** development of the vacuum interrupter has benefited from this R and D: the improvement in vacuum interrupter design; the increase in its interrupting performance; the extension of its operating life and reliability; and a **continued** increase in its **value** (i.e. the **continued** decrease in cost for a given interruption rating). A discussion is presented on how these improvements in vacuum interrupter design have led to an ever broadening of its range of application. Finally, the future outlook for the application of the vacuum interrupter is discussed with special reference to low life cycle costs, the potential for maintenance free equipment, and the capability of **continuously** monitoring vacuum interrupter switching life. (24 Refs)
Subfile: B
Descriptors: circuit-breaking arcs; power distribution protection; reliability; switching; vacuum interrupters
Identifiers: vacuum interrupter; distribution switchgear; distribution circuits switching; distribution circuits protection; R and D investment; vacuum arc control; vacuum interrupter design; interrupting performance; operating life extension; reliability improvement; low life cycle costs; maintenance free equipment; vacuum interrupter switching life monitoring
Class Codes: B8370 (Switchgear); B8120J (Distribution networks); B8140 (Power system protection); B0170N (Reliability)

15/5/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

5980393 INSPEC Abstract Number: C9809-7450-009
Title: Dynamics and stability of continuous **MSMPR agglomerative precipitation: numerical analysis of the dual particle coordinate model**
Author(s): Wojcik, J.A.; Jones, A.G.

Author Affiliation: Dept. of Chem. Eng., Univ. Coll. London, UK
Journal: Computers & Chemical Engineering vol.22, no.4-5 p.535-45
Publisher: Elsevier,
Publication Date: 1998 Country of Publication: UK
CODEN: CCENDW ISSN: 0098-1354
SICI: 0098-1354(1998)22:4/5L.535:DSCM;1-V
Material Identity Number: C207-98003
U.S. Copyright Clearance Center Code: 0098-1354/98/$19.00+0.00
Language: English Document Type: Journal Paper (JP)
Treatment: Theoretical (T)
Abstract: This article presents a bi-variant dynamic model of **continuous** mixed-suspension, mixed-product-removal (MSMPR) precipitation with agglomeration (aggregation and disruption) using the dual particle coordinate (agglomerate size and primary crystal number) population balance approach. Several finite difference methods were first examined for numerical solution of simplified model equations. The implicit forward time central space (FTCS j+1) was selected as the best for prediction of dynamic particle size distribution (PSD) and then applied to the agglomerative case. For specific **values** of aggregation and **disruption** coefficients, K/sub a/ and K/sub d/, bimodal **distributions** are observed and the system can also exhibit unstable dynamics. It is also predicted, however, that a supersaturation dependence of aggregation efficiency together with crystal disruption can stabilize the system transient response. (33 Refs)
Subfile: C
Descriptors: chemical engineering computing; crystallisation; finite difference methods; precipitation (physical chemistry); stability
Identifiers: **continuous** MSMPR agglomerative precipitation; numerical analysis; dual particle coordinate model; bi-variant dynamic model; mixed-suspension mixed-product-removal precipitation; finite difference methods; implicit forward time central space; dynamic particle size distribution; aggregation coefficients; disruption coefficients; bimodal distributions; unstable dynamics; supersaturation dependence; crystal disruption; system transient response
Class Codes: C7450 (Chemical engineering computing); C4170 (Differential equations)

15/5/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC

5688432 INSPEC Abstract Number: A9720-9840-010
Title: The superbubble size distribution in the interstellar medium of galaxies
Author(s): Oey, M.S.; Clarke, C.J.
Author Affiliation: Inst. of Astron., Cambridge Univ., UK
Journal: Monthly Notices of the Royal Astronomical Society vol.289, no.3 p.570-88
Publisher: Blackwell Science for R. Astron. Soc,
Publication Date: 11 Aug. 1997 Country of Publication: UK
CODEN: MNRAA4 ISSN: 0035-8711
SICI: 0035-8711(19970811)289:3L.570:SSDI;1-R
Material Identity Number: M012-97023
U.S. Copyright Clearance Center Code: 0035-8711/97/$14.00
Language: English Document Type: Journal Paper (JP)
Treatment: Theoretical (T)
Abstract: The authors use the standard, adiabatic shell evolution to predict the differential size distribution N(R) for populations of OB superbubbles in a uniform interstellar medium (ISM). Assuming that shell growth stalls upon pressure equilibrium with the ambient ISM, they derive

N(R) for simple cases of superbubble creation rate and mechanical luminosity function (MLF). For constant creation and an MLF phi (L) varies as L/sup - beta /, they find that N(R) varies as R/sup - beta / for R<R/sub e/, and N(R) varies as R/sup 4-5 beta / for R>R/sub e/, where the characteristic radius R/sub e/~1300 pc for typical ISM parameters. For R<R/sub e/, N(R) is dominated by stalled objects, while for R>R/sub e/ it is dominated by growing objects. The relation N(R) varies as R/sup 1-2 beta / appears to be quite robust, and also results from momentum-conserving shell evolution. They predict a peak in N(R) corresponding to individual supernova remnants (SNRs), and suggest that the contribution of Type Ia SNRs should be apparent in the observed form of N(R). They present expressions for the porosity parameters, Q/sub 2D/ and Q/sub 3D/ derived from their analysis. Q/sub 2D/ is dominated by the largest superbubbles for beta <2 and individual SNRs for beta >2, whereas Q/sub 3D/ is normally dominated by the few largest shells. They examine evolutionary effects on the H II region luminosity function (H II LF), in order to estimate p. They find that for a nebular luminosity fading with time t, L varies as t/sup - eta /, there is a minimum observed slope a/sub min/ for the H II LFs. Empirical measurements all show a>a/sub min/, therefore implying that usually they may take beta =a. They also find that if nebular luminosity is instantaneously extinguished at some given age, rather than **continuously** fading, no a/sub min/ will be observed. Comparison with the largely complete H I hole catalogue for the SMC shows surprising agreement in the predicted and observed slope of N(R). This suggests that no other fundamental process is needed to explain the size **distribution** of shells in the SMC. Further comparison with largely **incomplete** H I data for M31, M33 and Holmberg II also shows agreement in the slopes, but perhaps hinting at systematic differences between spiral and Im galaxies. They estimate porosities that are substantially <1 for all of the galaxies except Holmberg II, for which they obtain **values** >or approximately=1. Most of these galaxies therefore may not be strongly dominated by a hot interstellar component. However, porosity results for the Galaxy remain inconclusive with the available data. (57 Refs)

Subfile: A

Descriptors: galaxies; interstellar matter

Identifiers: superbubble size distribution; stellar wind blown bubble; interstellar medium; galaxy; adiabatic shell evolution; differential size distribution; OB superbubbles

Class Codes: A9840B (Interstellar matter); A9840 (Interstellar medium; nebulae); A9850E (Galactic structure, content and morphology)

15/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

5539802 INSPEC Abstract Number: B9705-8250-021

Title: A combined technique for elimination of islanding phenomenon [grid-connected power systems]

Author(s): Ghali, F.M.A.

Author Affiliation: Electron. Res. Inst., Cairo, Egypt

Conference Title: Conference Record of the Twenty Fifth IEEE Photovoltaic Specialists Conference - 1996 (Cat. No.96CH35897) p.1473-6

Publisher: IEEE, New York, NY, USA

Publication Date: 1996 Country of Publication: USA 1554 pp.

ISBN: 0 7803 3166 4 Material Identity Number: XX96-03209

U.S. Copyright Clearance Center Code: 0 7803 3166 4/96/$5.00

Conference Title: Conference Record of the Twenty Fifth IEEE Photovoltaic Specialists Conference - 1996

Conference Sponsor: IEEE Electron Devices Soc

Conference Date: 13-17 May 1996 Conference Location: Washington, DC, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: As a growing tendency, substantial numbers of PV power systems are being interconnected to electric utilities at medium and **distribution** levels. Due to the **disconnection** of some faulty sections, a number of PV power systems may be cut off from the grid but **continue** to operate. This generates what is called the islanding phenomenon. Active techniques to suppress this phenomenon utilizing a reactor or a capacitor show a considerable change of voltage and frequency from nominal **values** . This paper introduces a novel combined technique used to eliminate the islanding phenomenon with maintained power quality operation of the isolated power system sections. (4 Refs)
Subfile: B
Descriptors: electricity supply industry; photovoltaic power systems; power supply quality; power system interconnection; power system protection ; power system reliability; power system security
Identifiers: pv power systems; grid-connected power systems; islanding phenomenon elimination; electric utilities; power quality; isolated power systems
Class Codes: B8250 (Solar power stations and photovoltaic power systems) ; B8110B (Power system management, operation and economics); B8140 (Power system protection)

15/5/5 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC

03931632 INSPEC Abstract Number: A91099225
Title: Cold brittleness of alloyed high-manganese steel
Author(s): Vinokur, B.B.; Kasatkin, O.G.; Kondratyuk, S.E.
Journal: Izvestiya Akademii Nauk SSSR, Metally no.2 p.81-5
Publication Date: 1990 Country of Publication: USSR
CODEN: IZNMAQ ISSN: 0568-5303
Translated in: Russian Metallurgy no.2 p.77-80
Publication Date: 1990 Country of Publication: USA
CODEN: RMLYAQ ISSN: 0036-0295
U.S. Copyright Clearance Center Code: 0036-0295/90/$20.00
Language: English Document Type: Journal Paper (JP)
Treatment: Experimental (X)
Abstract: Impact toughness of high-Mn steels in the 20 to -100 degrees C range was investigated, for the case of constant C concentration while the Mn concentration varied, for the case of constant Mn concentration, while the concentration varied, and for the case when both Mn and C concentrations were constant while different quantities of Cr, V, Ti, or B were added. Serial impact toughness curves can be well represented by a model based on the normal **distribution** function. Having an **incomplete** serial curve and using the model suggested, it is possible to **continue** that curve up to the minimum and maximum impact toughness **values** . Parameters of that model permit evaluation not only of the maximum impact toughness but also the critical brittleness temperature, determined on the basis of 50% toughness reduction, and the width of the ductile-brittle transformation zone. The model parameters were investigated by application to the steels studied. It was demonstrated that Cr impairs resistance to brittleness. There is an optimum amount of V which improves the resistance to brittleness, while at lower or higher amounts, the model parameters and the impact toughness deteriorate. Microalloying with Ti had no beneficial

effect on the impact toughness of high-Mn steel. The effect of B could not be classified as positive, especially when its amount exceeded 0.004%. Using the data presented here, as well as the data on frictional wear of alloyed high-Mn steels, and knowing their service conditions in Northern regions, it is possible to optimize their composition. (4 Refs)
Subfile: A
Descriptors: alloying additions; austenitic steel; brittleness; ductile-brittle transition; fracture toughness; impact strength
Identifiers: cold brittleness; microalloying; C concentration; Mn concentration; impact toughness; brittleness temperature; ductile-brittle transformation; frictional wear; -100 to 20 degC
Class Codes: A8140N (Fatigue, embrittlement, and fracture); A6220M (Fatigue, brittleness, fracture, and cracks)
Chemical Indexing:
Cr sur - Fe sur - Mn sur - C sur - Cr ss - Fe ss - Mn ss - C ss (Elements - 4)
Fe sur - Mn sur - Ti sur - C sur - Fe ss - Mn ss - Ti ss - C ss (Elements - 4)
Fe sur - Mn sur - C sur - V sur - Fe ss - Mn ss - C ss - V ss (Elements - 4)
Fe sur - Mn sur - B sur - C sur - Fe ss - Mn ss - B ss - C ss (Elements - 4)
Numerical Indexing: temperature 1.73E+02 to 2.93E+02 K

15/5/6 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC

03560572 INSPEC Abstract Number: B90019408, C90016463
Title: Power metering system for HT/LT consumers and sub-stations
Author(s): Sundararajan, S.S.
Author Affiliation: Datapro Electr. Pvt. Ltd., Pune, India
Journal: Electrical India vol.29, no.7 p.29-31
Publication Date: 15 April 1989 Country of Publication: India
CODEN: EIDAAF ISSN: 0013-435X
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: Electric power generation and **distribution** systems are plagued by frequent **disruptions** . The author presents a microcomputer based monitoring and supervisory control system, that helps in ensuring that users are informed in advance about the impending violation either on maximum demand or the power factor exceeding preset **values** , which enables them to modulate their operations to remain within set bounds. The author also purposes a method by which the **values** monitored at site are **continuously** sent back to the substation points on line, so that monitoring of various electrical parameters is done **continuously** . This not only enables corrective action to be taken, but also enables billing to be done at the end of the billing cycle. (0 Refs)
Subfile: B C
Descriptors: distribution networks; power system computer control; power system measurement; substations
Identifiers: power system measurement; power system computer control; power generation; distribution systems; control system; maximum demand; power factor; substation; monitoring; billing
Class Codes: B8110B (Power system management, operation and economics); B8150 (Power system measurement and metering); B8120J (Distribution networks); B8375 (Substations); C7410B (Power engineering); C7420 (Control engineering); C3340H (Electric systems); C7165 (Public utilities)

15/5/7 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC

03244004 INSPEC Abstract Number: A88133385
Title: Arrested shear dispersion and other models of anomalous diffusion
Author(s): Young, W.R.
Author Affiliation: Dept. of Earth, Atmos. & Planetary Sci., MIT, Cambridge, MA, USA
Journal: Journal of Fluid Mechanics vol.193 p.129-49
Publication Date: Aug. 1988 Country of Publication: UK
CODEN: JFLSA7 ISSN: 0022-1120
Language: English Document Type: Journal Paper (JP)
Treatment: Theoretical (T)
Abstract: The macroscopic dispersion of tracer in microscopically disordered fluid flow can ultimately, at large times, be described by an advection-diffusion equation. But before this asymptotic regime is reached there is an intermediate regime in which first and second spatial moments of the distribution are proportional to t/sup nu /. Conventional advection-diffusion (which applies at large times) has nu =1 but in the intermediate regime nu <1. This phenomenon is referred to as 'anomalous diffusion' and the article discusses the special case nu =/sup 1///sub 2/ in detail. This particular **value** of nu results from tracer dispersion in a central pipe with many stagnant side branches leading away from it. The tracer is 'held up' or 'arrested' when it wanders into the side branches and so the dispersion in the central duct is more gradual than in conventional advection-diffusion (i.e. nu =/sup 1///sub 2/<1). This particular example serves as an entry point into a more general class of models which describe tracer arrest in closed pockets of recirculation, permeable particles, etc. with an integro-differential equation. In this view tracer is arrested and detained at a particular site for a random period. A quantity of fundamental importance in formulating a **continuum** model of this **interrupted** random walk is the **distribution** of stopping times at a site. Distributions with slowly decaying tails (long sojourns) produce anomalous diffusion while the conventional model results from distributions with short tails. (29 Refs)
Subfile: A
Descriptors: diffusion; random processes; shear flow; stagnation flow
Identifiers: arrested shear dispersion; anomalous diffusion; macroscopic dispersion; tracer; microscopically disordered fluid flow; advection-diffusion equation; asymptotic regime; intermediate regime; spatial moments; central pipe; stagnant side branches; closed pockets of recirculation; permeable particles; integro-differential equation; **continuum** model; interrupted random walk; distribution; stopping times; slowly decaying tails; long sojourns
Class Codes: A4710 (General theory)

15/5/8 (Item 8 from file: 2)
DIALOG(R)File 2:INSPEC

02663960 INSPEC Abstract Number: C86026835
Title: A queueing system Gl mod Gl mod m with losses from the queue and with nonidentical channels
Author(s): Morozov, Ye.V.
Journal: Tekhnicheskaya Kibernetika vol.23, no.3 p.84-90
Publication Date: May-June 1985 Country of Publication: USSR
CODEN: TEKIB8
Translated in: Soviet Journal of Computer and Systems Sciences vol.23,

no.3 p.116-23
Publication Date: May-June 1985 Country of Publication: USA
CODEN: SJCSEP ISSN: 0882-4002
U.S. Copyright Clearance Center Code: 0882-4002/85/0003-0116$7.50/0
Language: English Document Type: Journal Paper (JP)
Treatment: Theoretical (T)
Abstract: A queueing system admitting losses from the queue with recurrent input flow and recurrent servicing on each of m< infinity channels is investigated. It is assumed that for at least one channel the service interval is with positive probability less than the interarrival interval of customers. Asymptotic behavior of certain functionals of the trajectories of processes with **continuous** time in the case of a finite as well as an infinite mean **value** of the busy cycle of a system is studied. Necessary and sufficient conditions for stationarity of the system and the limiting **distribution** of the **incomplete** service time in each channel are obtained. In the case of absence of losses, upper and lower bounds on the limiting probabilities of absence of a queue, of idle time of the i-th channel (i=1, . . ., m), and of the mean number of busy channels are obtained. (6 Refs)
Subfile: C
Descriptors: queueing theory
Identifiers: queueing system G 1 mod G 1 mod m; losses; nonidentical channels; recurrent input flow; recurrent servicing; busy cycle
Class Codes: C1140C (Queueing theory)

15/5/9 (Item 9 from file: 2)
DIALOG(R)File 2:INSPEC

01126234 INSPEC Abstract Number: A78000118
Title: Multipole structure of static continuous **matter distributions in general relativity**
Author(s): Dixon, W.G.
Author Affiliation: Churchill Coll., Univ. of Cambridge, Cambridge, UK
Journal: General Relativity and Gravitation vol.8, no.8 p.595-601
Publication Date: Aug. 1977 Country of Publication: USA
CODEN: GRGVA8 ISSN: 0001-7701
Language: English Document Type: Journal Paper (JP)
Treatment: Theoretical (T)
Abstract: A mass skeleton is defined for a static extended body in a gravitational field. It is a scalar- **valued** distribution on a tangent space, and is equivalent to that part of the reduced multipole moment structure which describes the mass density of the body. An explicit form is given for this distribution in terms of the mass density and the scalar potential of the field. It is deduced that the mass skeleton and the scalar potential are **not completely** independent. The smoothness of the mass **distribution** imposes certain weak restrictions on those scalar potentials which are compatible with a given mass skeleton. (11 Refs)
Subfile: A
Descriptors: general relativity
Identifiers: static **continuous** matter distributions; general relativity ; mass skeleton; mass density; scalar potentials; multipole moment structure
Class Codes: A0440 (Continuous media; electromagnetic and other mixed gravitational systems)

15/5/10 (Item 10 from file: 2)
DIALOG(R)File 2:INSPEC

00464176 INSPEC Abstract Number: B73003141
Title: Analysis of service interruptions at the MV and LV customer level
Author(s): Dalloz, G.
Journal: Revue Generale de l'Electricite vol.81, no.9 p.537-43
Publication Date: Sept. 1972 Country of Publication: France
CODEN: RGELAC ISSN: 0035-3116
Language: French Document Type: Journal Paper (JP)
Treatment: General, Review (G)
Abstract: The Power **Distribution** Management of E.D.F. records two different service **interruption** criteria enabling the determination of average interruption periods at the MV and LV customer level. The author gives different **values** for these criteria at the national level the distribution Center level and in urban and rural districts. He then analyses the MV failures causing a break in power distribution and deals with the methods to be used in order to improve service **continuity** .
Subfile: B
Descriptors: failure analysis; power systems
Identifiers: analysis; service interruptions; MV and LV customer level; average interruption periods; national level; distribution Centre level; urban and rural districts; power distribution; methods; service **continuity** ; criteria
Class Codes: B8140 (Power system protection)

15/5/11 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01631687 ORDER NO: AAD98-23576
HANDLING POISSON-DISTRIBUTED VARIABLE IN MULTIVARIATE MISSING-DATA PROBLEMS (GIBBS SAMPLING, BAYESIAN)
Author: HE, WEIZHONG
Degree: PH.D.
Year: 1998
Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, LOS ANGELES (0031)
Chair: THOMAS BELIN
Source: VOLUME 59/02-B OF DISSERTATION ABSTRACTS INTERNATIONAL. PAGE 488. 118 PAGES
Descriptors: BIOLOGY, BIOSTATISTICS ; STATISTICS
Descriptor Codes: 0308; 0463

Standard statistic analysis have been developed to analyze rectangular data sets. However, missing **values** often occur in multivariate datasets and deletion of incomplete observation can lead to biased results. In this thesis, we aim to develop Bayesian approaches through Gibbs sampling to analyze incomplete data for a variable measuring a count of the number of events with combination of other categorical or **continuous** variables. With the Gibbs sampling method, we first propose a model called Multivariate Normal/Poisson Regression model, MNPR for short, to analyze **incomplete** datasets containing a Poisson **distributed** variable along with a set of multivariate normal variables. Then we extend MNPR model to a General Location Poisson Regression model (GLPR) to further incorporate a set of categorical variables into the model. Simulation studies in this thesis suggest that the proposed models have good performance in coverages of true **values** , biases and precision of estimation if missing-data proporion is not severe and missing-data mechanism is missing at random.

15/5/12 (Item 2 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01161351 ORDER NO: AAD91-17311
BACTERIAL FERMENTATION OF PEANUT MILK AND ITS PERFORMANCE IN SELECTED FOOD SYSTEMS (LACTIC ACID BACTERIA)
Author: LEE, CHAN
Degree: PH.D.
Year: 1990
Corporate Source/Institution: UNIVERSITY OF GEORGIA (0077)
Director: LARRY R. BEUCHAT
Source: VOLUME 52/01-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 12. 119 PAGES
Descriptors: AGRICULTURE, FOOD SCIENCE AND TECHNOLOGY
Descriptor Codes: 0359

Aqueous extracts of peanut (Arachis hypogaea L.) (peanut milk) were produced using various processing conditions for the purpose of using as a medium for lactic acid bacterial fermentation. Heat treatment was effective in reducing hexanal content, but also reduced the protein content of peanut milk. Homogenization of peanut milk reduced the amount of oil separation and increased whiteness. The addition of sodium bicarbonate in soaking water had no effect on flavor but did influence color.

Peanut milk was fermented with Lactobacillus delbrueckii subsp. bulgaricus and Streptococcus salivarius subsp. thermophilus, separately and in combination, and evaluated for chemical, physical, microbiological and sensory qualities. Analysis of headspace volatiles revealed that hexanal, which is one of the compounds responsible for undesirable green/beany flavor in peanuts, completely disappeared as a result of fermentation. S. salivarius subsp. thermophilus was more effective than L. delbrueckii subsp. bulgaricus in reducing the hexanal content. The acetaldehyde content of peanut milk increased during fermentation. Changes in concentrations of these volatiles were correlated with sensory evaluation scores which showed that a significant (P $\leq$ 0.05) decrease in green/beany flavor and a significant increase in creamy flavor occurred as a result of fermentation.

Substitution of peanut milk fermented with mixed cultures of L. delbrueckii subsp. bulgaricus and S. salivarius subsp. thermophilus for buttermilk at a level of 25% or less in ranch style salad dressings resulted in decreased lightness, creamy flavor, oil emulsion capacity and viscosity, but did not cause significant changes in other sensory qualities.

When fermented dried peanut milk was substituted for commercial buttermilk, yogurt and sour cream powders in muffin and cookie formulas, chemical, physical and sensory qualities were not adversely affected. Muffins containing one brand of yogurt and sour cream powders had significantly higher hue values for external and internal surfaces compared to muffins containing fermented peanut milk powder. The addition of fermented peanut milk to **cookies** resulted in softer texture **compared** to that of **cookies** containing buttermilk or sour cream powders.

Information obtained from this investigation will be useful in developing fermented peanut milk with improved sensory qualities and utilizing it into various food systems.

15/5/13 (Item 3 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01138241 ORDER NO: AAD91-00918

METAL-SEMICONDUCTOR AND CONDENSED GAS-SEMICONDUCTOR INTERFACE FORMATION **(GAS-SEMICONDUCTOR INTERFACE)**
Author: ANDERSON, STEVEN GENE
Degree: PH.D.
Year: 1990
Corporate Source/Institution: UNIVERSITY OF MINNESOTA (0130)
Adviser: JOHN H. WEAVER
Source: VOLUME 51/08-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 3910. 104 PAGES
Descriptors: PHYSICS, SOLID STATE; ENGINEERING, MATERIALS SCIENCE; CHEMISTRY, RADIATION
Descriptor Codes: 0611; 0794; 0754

Two adatom/III-V semiconductor interfaces have been examined with high resolution synchrotron radiation photoemission spectroscopy. An investigation of a metal-semiconductor interface, Al/GaAs(110), was performed as a function of substrate temperature to correlate the evolving interfacial chemistry and morphogy with band bending. Detailed examination shows a separation in energy of $\sim$1.0 eV for the Al 2p binding energy for n- and p-type GaAs at submonolayer coverages. This equals the difference in band bending for the two substrates, demonstrating that the adatom energy reference is an intrinsic level of the semiconductor, not the Fermi level. Substrate band bending approaches its final **value** when E$\sb{\rm F}$ becomes the energy reference for the overlayer, and this occurs at the onset of metallic overlayer behavior. The overlayer morphology, **disrupted** atom **distribution** , and band bending depends on the substrate temperature, while the amount of substrate disruption and the final **value** of E$\sb{\rm F}$ in the gap at high coverage does not. Temperature-dependent band bending observed below a monolayer can be understood by considering the importance of a surface photovoltage. Studies of a condensed gas-semiconductor interface, O$\sb2$/GaAs(110), were conducted at 20 K to examine the dynamics of photo-induced oxidation. Detailed core level analysis of photon exposure-dependent data demonstrate that As$\sp{1+}$- and As$\sp{3+}$-like bonding configurations form in a step-wise fashion with approximately equal reaction probabilities for the two steps. The high sticking coefficient for O$\sb2$ at 20 K makes it possible to locally oxide the surface ten orders of magnitude more efficiently than in equivalent experiments at 300 K. Reaction cross sections determined from modeling the dynamics of the reaction processes indicate an oxidation mechanism involving secondary electrons is operative. Results are also presented for the competition between **continued** reaction and photon-induced oxygen desorption, where desorption occurs via a first order process.

15/5/14 (Item 4 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01125932 ORDER NO: AAD13-39987
STRIATAL DOPAMINE DISTRIBUTION AND ROTATIONAL BEHAVIOUR ALTERATIONS RESULTING FROM DOPAMINE INFUSION INTO THE BRAINS OF RATS WITH 6-HYDROXYDOPAMINE LESIONS
Author: ZHANG, TIE JIN
Degree: M.S.
Year: 1990
Corporate Source/Institution: RUSH UNIVERSITY, COLLEGE OF NURSING (0591)
Director: PAUL M. CARVEY
Source: VOLUME 28/04 of MASTERS ABSTRACTS.
PAGE 551. 79 PAGES

Descriptors: NEUROSCIENCE; HEALTH SCIENCES, PHARMACOLOGY; PHYSIOLOGY
Descriptor Codes: 0317; 0419; 0433

We examined the effects of dopamine (DA) infusion into the brains of 6-hydroxydopamine (6-OHDA) lesioned rats in an effort to verify the "DA secretion hypothesis" as the mechanism responsible for the antiparkinsonian effect of adrenal medulla-to-brain transplants. Rats received unilateral lesions of the substantia nigra by stereotaxic administration of 6-OHDA and were tested for apomorphine-induced rotational behavior. Normal saline or DA (10μg/hr) was then infused into the striata or ventricles of these animals. Seven days of **continuous** DA infusion into the striatum attenuated apomorphine-induced rotation whereas intraventricular infusion had little effect. Chromatographic examination of the DA distribution after 10 days of infusion revealed that neither intrastriatal nor intraventricular delivery of DA resulted in contralateral increases in DA content. Examination of ipsilateral DA content revealed that intraventricular DA delivery penetrated only 1 mm into the adjacent striatum. Intrastriatal DA delivery resulted in **incomplete distribution** and there were "corner pieces" in which DA levels were still below the control **values** . These results suggest that striatal tissue presents a significant barrier to the diffusion of DA molecules. DA secretion by an adrenal medulla graft is probably not the mechanism responsible for the antiparkinsonian effect of adrenal medulla-to-brain transplantations.

15/5/15 (Item 5 from file: 35)

01107578 ORDER NO: AAD90-14101
TOPICS IN NONLINEAR ANALYSIS
Author: PEDREGAL, PABLO
Degree: PH.D.
Year: 1989
Corporate Source/Institution: UNIVERSITY OF MINNESOTA (0130)
Adviser: DAVID KINDERLEHRER
Source: VOLUME 51/01-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 241. 126 PAGES
Descriptors: MATHEMATICS
Descriptor Codes: 0405

This work considers the nature of oscillations which arise with weak convergence, and in particular behavior with respect to nonlinear functionals. The sequences of functions considered are constrained by some condition involving a linear differential operator with constant coefficients. There are two main issues: (i) Determine the functionals which are weakly lower semicontinuous and weakly **continuous** in these circumstances; (ii) Find the defining properties of Young measures associated to such sequences of functions.

A special class of such differential operators is studied, for which it is possible to give a rather complete answer to these questions. However, much space is devoted to the differential operator of the calculus of variations: curl, where the sequences are gradients of vector **valued** functions. And we have concentrated in giving an answer to (ii) in this case. In physical phenomena concerning crystalline solids, often times the stored energy functional is not weakly lower semicontinuous because of the symmetry properties of the material, and in such cases, in which we lack configurations of minimum energy, we can get the relevant information through the Young measure corresponding to a minimizing sequence. This is the reason why (ii) above is so important.

We also study a special class of Young measures associated to

sequences of gradients, the so-called laminates. These turn out to be the only source of explicit examples, and actually the problem of the equivalence of the concepts of quasiconvexity and rank-1 convexity translates into deciding whether there is any difference between laminates and Young measures.

Finally, we apply some of these analytical techniques to the two well problem in two dimensions. The assumption in this situation is that the free energy for a particular crystal has two potential wells, each one a copy of the group of proper orthogonal matrices. Can one somehow classify all the admissible configurations of the crystal under consideration? The answer is not easy, and at the time, **incomplete** . Although some fundamental analysis has been made regarding **continuously distributed** Young measures.

15/5/16 (Item 6 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

1032126 ORDER NO: AAD88-26429
TASTE AVERSION OR HYPERRESPONSIVENESS TO PALATABILITY FOLLOWING ABLATION OF THE AREA POSTREMA/CAUDAL MEDIAL NUCLEUS OF THE SOLITARY TRACT?
Author: TOMOYASU, NAOMI JERILYN
Degree: PH.D.
Year: 1988
Corporate Source/Institution: UNIVERSITY OF WASHINGTON (0250)
CHAIRPERSON: NANCY J. KENNEY
Source: VOLUME 49/09-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 4058. 81 PAGES
Descriptors: PSYCHOLOGY, PHYSIOLOGICAL
Descriptor Codes: 0989

Ablation of the area postrema and caudal medial aspect of the nucleus of the solitary tract (APX) leads to a transient reduction in food intake and a permanent decline in body weight. APX animals have been shown to overingest palatable foods such as sweetened condensed milk and chocolate chip **cookies compared** to controls. Previous studies have suggested that this overconsumption of preferred foods is due to a hyperresponsiveness to palatable foods following APX (Ritter and Edwards). The aim of this dissertation was to show that the exaggerated consumption of palatable foods can be accounted in part, by the development of a taste aversion to foods presented after lesioning.

In the first two studies, APX rats were presented with a diet for 8 days after ablation. When offered a choice between the postsurgery diet and an alternate food on the 9th and 10th postlesion days, APX animals consumed a greater proportion of calories from the alternate food. The greater intakes of the alternate food by APX rats depended more on the novelty rather than the palatability of the alternate diet. Lesioned and control rats in the third study, had access to either AIN, a palatable high carbohydrate diet, or pelleted chow for 8 postlesion days. When offered a choice between AIN and a novel, unpalatable diet of quinine-adulterated milk, only lesioned animals that had access to AIN after surgery preferred quinine milk over AIN. Thus, the results of the first three studies showed that the postsurgery diet history of APX animals in association with the lesion consequences leads to an aversion to the postablation food and a preference for a novel diet regardless of its palatability. In addition, the last study revealed that APX rats can develop an aversion to highly familiar foods such as pelleted chow, as well as to foods presented after recovery from hypophagia. Thus, while the role of taste aversions in the reduction of food intake and body weight in APX animals has yet to be clearly defined, these studies indicate that food aversions do play a major

role in determining food preferences following APX.

15/5/17 (Item 7 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

821985 ORDER NO: AAD83-21080
FACTORS AFFECTING COOKIE FLOUR QUALITY
Author: ABBOUD, AMNA MUNJI
Degree: PH.D.
Year: 1983
Corporate Source/Institution: KANSAS STATE UNIVERSITY (0100)
Source: VOLUME 44/05-B OF DISSERTATION ABSTRACTS INTERNATIONAL. PAGE 1399. 115 PAGES
Descriptors: FOOD SCIENCE AND TECHNOLOGY
Descriptor Codes: 0359

The effect of fat and sugar on sugar-snap cookie spread was studied. The fat-type appeared not to be important, but the amount of fat affected the cookie. The amount of sugar did not affect cookie spread except in noncreamed systems. Sugar particle size also did not affect cookie spread except at the coursest size (> 35 mesh).

Thermoanalytical studies using a Differential Scanning Calorimeter shows three endotherms with cookie dough. The endotherms are identified as shortening melting, sucrose dissolving, and starch gelatinizing. The initiation of starch gelatinization was at temperatures above 100(DEGREES)C. Baked cookies also show the gelatinization endotherm indicating that only a small part of starch was gelatinized during baking.

Protein content, water absorption, alkaline water retention capacity, starch damage, and pentosan contents were studied in 44 cultivars representing four wheat classes (Hard Winter, Club, Soft White Spring, and Soft White Winter Wheat). Poor correlations were found among cookie diameter and the factors studied. However, in a protein series, all one cultivar, a good correlation was found between protein content and cookie diameter. Thus, protein content is important if the genetic factor is removed.

Time-lapse photographs were taken to observe changes that occur in cookie diameter during baking. Results show that cookie diameter is a function of the rate of spreading and setting point. The rate of spreading was greater and the expansion was longer for good quality **cookie** doughs **compared** to the poor quality **cookie** doughs. Compression test shows that good quality cookie dough undergoes a larger decrease in viscosity at high temperature compared to that found with poor quality cookie doughs. Regression analysis for all data sets indicated that none of the variables studied could explain more than 50% of the variablity in cookie diameter, rate of spreading, or setting point.

15/5/18 (Item 1 from file: 474)
DIALOG(R)File 474:New York Times Abs

06279539 NYT Sequence Number: 569518920511
CBS PROMOTION TO MATCH **TV AND** COOKIES
CARTER, BILL
New York Times, Col. 4, Pg. 8, Sec. D
Monday May 11 1992
DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English
RECORD TYPE: Abstract

ABSTRACT:
CBS joins with Nabisco in campaign to promote network's upcoming television programs and Nabisco products (S)

COMPANY NAMES: CBS INC; NABISCO BRANDS INC
DESCRIPTORS: TELEVISION; ADVERTISING; TELEVISION PROGRAMS; FOOD; PROMOTIONS (MARKETING TECHNIQUE)
PERSONAL NAMES: CARTER, BILL

15/5/19 (Item 2 from file: 474)
DIALOG(R)File 474:New York Times Abs

05004783 NYT Sequence Number: 145922870117
DE GUSTIBUE: COOKIE WARS: DAVID VS GOLIATH
BURROS, MARIAN
New York Times, Col. 2, Pg. 52, Sec. 1
Saturday January 17 1987
DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English
RECORD TYPE: Abstract

ABSTRACT:
Marian Burros 'De Gustibus' column **compares** two refrigerated **cookie** dough products: Pillsbury's Natural Chocolate Flavored Chocolate Chip Cookie and the new David's Chocolate Chunk Cookies; drawing (M)

SPECIAL FEATURES: Drawing
COMPANY NAMES: PILLSBURY CO; DAVID'S COOKIES
DESCRIPTORS: BAKERIES AND BAKED PRODUCTS; COOKIES; NEW MODELS, DESIGN AND PRODUCTS
PERSONAL NAMES: BURROS, MARIAN

15/5/20 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

06112063
Quake hits Solvay soda ash plant
US: SOLVAY HIT BY WYOMING EARTHQUAKE
Daily Telegraph (DT) 13 Feb 1995 p.29
Language: ENGLISH

An earthquake measuring 5.6 on the Richter scale in Wyoming, US, may disrupt supplies of natural soda ash, a **key** chemicals industry raw material, from the Green River plant owned by Belgium's Solvay. The world's largest natural soda ash producer expects production to **restart** soon, but the **disruption** could hit supply **distribution** in Europe.

COMPANY: SOLVAY

PRODUCT: Chemicals & Allied Products (2800);
EVENT: null (00);
COUNTRY: Belgium (4BEL); United States (1USA);

15/5/21 (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

05908743
SNACK MIXES CRACKERS WITH ICE CREAM
JAPAN: ICE-CREAM CRACKERS SNACK
The Nikkei Weekly (NW) 15 Nov 1993 p.14
Language: ENGLISH

In Japan, Meiji Milk Products Co. has marketed a CrackerSand snack in the Japanese market in September 1993. The Y 500 (USD 4.63) snack sandwiches ice-cream with crackers and comes in a box of twelve. Experiments have revealed that crackers are more likely to stay crisp with ice cream **compared** to **cookies** . Note: A picture the Meiji CrackerSand is available on request

COMPANY: MEIJI MILK PRODUCTS

PRODUCT: Cookies & Crackers (2052); Cereal Preparations (2043);
EVENT: Marketing Procedures (24);
COUNTRY: Japan (9JPN);

15/5/22 (Item 1 from file: 256)
DIALOG(R)File 256:TecInfoSource

00147312 DOCUMENT TYPE: Review

PRODUCT NAMES: Firewalls (837661); Web Services (845671)

TITLE: Blocking attacks on applications: Web services may be critical for...
AUTHOR: Chauhan, Abhishek
SOURCE: SC Magazine, v14 n5 p36(3) May 2003
ISSN: 1096-7974
HOMEPAGE: http://www.scmagazine.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Many companies find Web services essential for business, but they leave them open for attack. The most vulnerable points on a network are Port 80 (used for HTTP) and Port 443 (for SSL). A new generation of application firewalls had been developed to offer a more sophisticated defense against real-time attacks. Eight techniques, in ascending order of sophistication, that can be used by application firewalls are: deep packet processing, which looks for unusual behavior; TCP/IP termination, which looks for malicious behavior over an entire session, instead of focusing on individual packets; SSL termination, to stop encrypted SSL and examine and decode the whole stream; URL filtering, using a signature-based approach to look for suspicious unicode; request analysis, which takes URL filtering one step further, but is still a stateless technique; user session tracking, which tracks user sessions and tracks requests and examines **cookies** ; response pattern **matching** , which looks at the responses from the Web server, as well as the requests; and behavior modeling, which is the only protection against zero-day exploits (undocumented attacks). Protecting Port 80 is one of the most important challenges for security professionals.

COMPANY NAME: Vendor Independent (999999)
SPECIAL FEATURE: Tables

DESCRIPTORS: Computer Security; Firewalls; Internetworking; Network Administration; Network Software; System Monitoring; Web Services
REVISION DATE: 20031030

15/5/23 (Item 2 from file: 256)
DIALOG(R)File 256:TecInfoSource

00122386 DOCUMENT TYPE: Review

PRODUCT NAMES: Privacy (838136); Internet Browsers (838471)

TITLE: Web Privacy: How the Cookie Crumbles
AUTHOR: Jones, Mitt
SOURCE: PC World, v18 n3 p49(1) Mar 2000
ISSN: 0737-8939
HOMEPAGE: http://www.pcworld.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Netscape's Netscape Navigator and Microsoft's Microsoft Internet Explorer, Windows 95, Windows 98, and Windows NT are highlighted in a discussion of Web privacy and how cookies affect it. Many Web sites send cookies to users' PCs so that the sites can provide customized information. Cookies are supposed only to identify the PC, not the user, but Richard M. Smith has found that Internet Explorer and Netscape Navigator make it too easy to **match** e-mail addresses and **cookies** . In this way, a unique identifier can be linked to a nameless profile. Smith and eight privacy and consumer groups have joined forces to petition the Federal Trade Commission (FTC) to require that software makers eliminate the possibility that fetch requests transmit e-mail addresses to cookie-senders. Microsoft and Netscape are looking at the issue but have not announced patches. Microsoft contends that the solution to any potential problem arising from the glitch must lie with regulation of Web companies. Therefore, in the meantime, users should tell the browser not to accept cookies and should delete cookies from the hard drive. Windows 9x/NT users are vulnerable to hackers who can access a PC and obtain a password, but patches for all three operating systems are available.

COMPANY NAME: Vendor Independent (999999)
SPECIAL FEATURE: Charts
DESCRIPTORS: Computer Security; E-Mail; IBM PC & Compatibles; Internet Browsers; Internet Explorer; Netscape; Operating Systems; Privacy; Windows; Windows NT/2000
REVISION DATE: 20000830

15/5/24 (Item 3 from file: 256)
DIALOG(R)File 256:TecInfoSource

00118568 DOCUMENT TYPE: Review

PRODUCT NAMES: Advertising (830992); Internet Marketing (835552)

TITLE: Breaking Down the Banners
AUTHOR: Wang, Nelson
SOURCE: Internet World, p34(1) Aug 1, 1999

ISSN: 1097-8291
HOMEPAGE: http://www.iw.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

A discussion of advertising in the e-business arena indicates that online marketers are hungry for more data that can give them insight to the effectiveness of their banner campaigns. Online marketers have found that clickthrough rates are not informative enough for evaluating whether ads increase sales, or that banner ads enhance consumer awareness to the extent that more purchases and referrals can be predicted for the future. Various new tools are available to marketers for companies selling products online and those that use the Web for branding. Data that can be analyzed include purchases generated, pages viewed, users registered, audience reached, sales leads generated, and clickthroughs. Brad Aronson, president of I-Frontier, an interactive agency, says most of his clients analyze their campaigns by viewing statistics, including the number of users who look at more than one page on the site; view a particular area on the site; and return to the site later. I-Frontier uses AdKnowledge's system to track various types of statistics, and most of the leading ad serving solutions, including DoubleClick, AdForce, and NetGravity, provide similar types of tracking abilities. The Voyager service from Millward Brown Interactive recruits a large group of representative Internet users and pays them to monitor their own movements on the Web. Online markets ink deals with Voyager to **match cookies** from their ad campaigns with the cookies generated by Voyage's panel.

COMPANY NAME: Vendor Independent (999999)
SPECIAL FEATURE: Charts
DESCRIPTORS: Advertising; Internet Marketing; Internet Traffic Analysis; Market Research; Webmasters
REVISION DATE: 20010330
?

```
Set     Items   Description
S1     824153   COOKIE? ? OR VALUE? ? OR KEY? ?
S2     745675   MATCH? OR COMPARE?
S3     521932   DOWNLOAD? OR DISTRIBUT? OR DOWN()LOAD?
S4     888034   ONLINE OR ON()LINE OR INTERNET OR WEB? OR NETWORK? OR PORT-
            AL? OR WWW OR CYBER? OR ELECTRONIC? OR SITE? ?
S5     349596   DISRUPT? OR INTERRUPT? OR INCOMPLETE? OR "NOT"()COMPLETE? -
            OR DISCONNECT?
S6    1131563   TRANSACT? OR SESSION? ? OR CONNECT?
S7     907784   RESUME? ? OR RESUMPTION OR RESTART? OR RECONNECT? OR CONTI-
            NU?
S8     953111   DATA OR CONTENT? ? OR MUSIC? OR VIDEO OR MP3 OR SONG? ? OR
            SOFTWARE OR MOVIE? ?
S9    2573526   PROGRAM? OR SOFTWARE? OR APPLICATION? ? OR FREEWARE
S10       215   S2(7N)COOKIE? ?
S11        18   S10(S)S3
S12      9892   S3(5N)(S5 OR S7)
S13        14   S12 AND S10
S14        28   S11 OR S13
? show file
File 348:EUROPEAN PATENTS 1978-2005/Aug W02
         (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050818,UT=20050811
         (c) 2005 WIPO/Univentio
```

14/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01513673
System for delivering web content to fuel dispenser
System zum Senden von WEB-Inhalten an Kraftstoffabgabevorrichtungen
Systeme permettant de communiquer des contenus du Web sur un distributeur de carburant
PATENT ASSIGNEE:
Tokheim Corporation, (917591), 10501 Corporate Drive, Fort Wayne, IN 46845, (US), (Applicant designated States: all)
INVENTOR:
Dodson, Dave, 2121 East Admiral Drive, Virginia Beach, VA 23451, (US)
LEGAL REPRESENTATIVE:
Cabinet HERRBURGER (100171), 115, Boulevard Haussmann, 75008 Paris, (FR)
PATENT (CC, No, Kind, Date): EP 1265158 A2 021211 (Basic)
APPLICATION (CC, No, Date): EP 2002012526 020605;
PRIORITY (CC, No, Date): US 296097 P 010605
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-017/30
ABSTRACT WORD COUNT: 192
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200250	2570
SPEC A	(English)	200250	11960
Total word count - document A			14530
Total word count - document B			0
Total word count - documents A + B			14530

...SPECIFICATION the remote facility 14 executes a search of database 15 to identify and retrieve any **matching** **cookie** element(s) that are associated with the current user ID 42 of interest. The user...

...to identify the relevant collection of cookie elements that will be examined pursuant to the **cookie** **matching** operation. Upon determining that database 15 does not contain any cookie element for user ID...

14/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01513145
Data processing system and method
System und Verfahren zur Datenverarbeitung
Systeme et methode de traitement de donnees
PATENT ASSIGNEE:
Hewlett-Packard Company, A Delaware Corporation, (3016020), 3000 Hanover Street, Palo Alto, CA 94304, (US), (Applicant designated States: all)
INVENTOR:
Owhadi, Eric, 52D, chemin du Vinay, Le Clos Melusine, 38360 Sassenage, (FR)
LEGAL REPRESENTATIVE:

Lloyd, Richard Graham (75503), Intellectual Property Section, Legal Department, HEWLETT-PACKARD FRANCE, Etablissement de Grenoble, 38053 Grenoble Cedex 9, (FR)
PATENT (CC, No, Kind, Date): EP 1265143 A1 021211 (Basic)
APPLICATION (CC, No, Date): EP 2001410068 010608;
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-011/273; G06F-011/22
ABSTRACT WORD COUNT: 158
NOTE:
Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200250	2232
SPEC A	(English)	200250	4364
Total word count - document A			6596
Total word count - document B			0
Total word count - documents A + B			6596

...SPECIFICATION machine 104, if the cookie 138 is present, the non-trusted applet 120 retrieves that **cookie** , at step 312, and **compares** , in step 314, the data stored within the cookie with the data contained within the ...

...resolution software that is particular to the Win32(underscore)VideoConfiguration class issue and instigate a **download** of that software to the client machine 104 at steps 318 and 320. The client...

14/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00590330
Cookie preform and a cookie being baked from said cookie preform.
Keksvorform und Herstellung von Keksen damit.
Preforme de biscuit et preparation de biscuits a partir de celle-ci.
PATENT ASSIGNEE:
OXFORD BISCUITS HOLDING A/S, (1351551), Vallensbaekvej 16, DK-2605 Brondby, (DK), (applicant designated states: AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)
INVENTOR:
Moeller, Gerth, Gyldenrisvej 7, DK-9800 Hjoring, (DK)
LEGAL REPRESENTATIVE:
Kjerrumgaard, Bent (60921), c/o Th. Ostenfeld Patentbureau A/S Bredgade 41 P.O. Box 1183, DK-1011 Copenhagen K, (DK)
PATENT (CC, No, Kind, Date): EP 578279 A2 940112 (Basic)
EP 578279 A3 940330
APPLICATION (CC, No, Date): EP 93113393 890725;
PRIORITY (CC, No, Date): US 227522 880801
DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE
RELATED PARENT NUMBER(S) - PN (AN):
EP 359375 (EP 893075572)
INTERNATIONAL PATENT CLASS: A21C-011/10; A21C-011/16; A21C-005/00;
ABSTRACT WORD COUNT: 101

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	478
SPEC A	(English)	EPABF2	7173
Total word count - document A			7651
Total word count - document B			0
Total word count - documents A + B			7651

...SPECIFICATION 643,904 discloses a variation of the rope-laying process described above, in which a **continuously** moving dough rope containing randomly **distributed** food particles is penetrated with pins or various disk means that engage and transversely move...invention makes it possible to uniformly bake without excessive browning or scorching "higher" or thicker **cookies** **compared** to **cookies** prepared from conventional wire-cut preforms. It is believed to be more difficult for gases...

14/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

00367736

Method and apparatus for manufacturing coarse cookies.

Verfahren und Gerat zum Herstellen von groben Keksgeback.

Procede et appareil pour produire des gros biscuits.

PATENT ASSIGNEE:

OXFORD BISCUITS HOLDING A/S, (1351550), Parallelvej 11, DK-9800 Hjoerring , (DK), (applicant designated states: AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Moeller, Gerth, Broensholmdalsvej 2, DK-2980 Kokkedal, (DK)

LEGAL REPRESENTATIVE:

Kjerrumgaard, Bent et al (60921), c/o Th. Ostenfeld Patentbureau A/S Bredgade 41 P.O. Box 1183, DK-1011 Copenhagen K, (DK)

PATENT (CC, No, Kind, Date): EP 359375 A1 900321 (Basic)
EP 359375 B1 941228

APPLICATION (CC, No, Date): EP 89307557 890725;

PRIORITY (CC, No, Date): US 227522 880801

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: A21C-005/00; B26F-003/02;

ABSTRACT WORD COUNT: 124

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPBBF2	1177
CLAIMS B	(English)	EPBBF2	682
CLAIMS B	(German)	EPBBF2	682
CLAIMS B	(French)	EPBBF2	774
SPEC A	(English)	EPBBF2	7175
SPEC B	(English)	EPBBF2	7320
Total word count - document A			8352
Total word count - document B			9458
Total word count - documents A + B			17810

...SPECIFICATION 643,904 discloses a variation of the rope-laying process described above, in which a **continuously** moving dough rope containing randomly **distributed** food particles is penetrated with pins or various disk means that engage and transversely move...invention makes it possible to uniformly bake without excessive browning or scorching

"higher" or thicker **cookies** **compared** to **cookies** prepared from conventional wire-cut preforms. It is believed to be more difficult for gases...

...SPECIFICATION 643,904 discloses a variation of the rope-laying process described above, in which a **continuously** moving dough rope containing randomly **distributed** food particles is penetrated with pins or various disk means that engage and transversely move...invention makes it possible to uniformly bake without excessive browning or scorching "higher" or thicker **cookies** **compared** to **cookies** prepared from conventional wire-cut preforms. It is believed to be more difficult for gases...

14/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00332082
SELF STABILIZED DIPEPTIDE SWEETENERS.
SELBST STABILISIERTE DIPEPTID-SUSSMITTEL.
EDULCORANTS A DIPEPTIDES AUTOSTABILISES.
PATENT ASSIGNEE:
THE NUTRASWEET COMPANY (a Delaware corporation), (257413), 1751 Lake Cook Road, Deerfield Illinois 60015, (US), (applicant designated states: AT;BE;CH;DE;FR;GB;IT;LI;LU;NL;SE)
INVENTOR:
TSAU, Joseph, Heng-Ko, 5348 Brummel Street, Skokie, IL 60077, (US)
LEGAL REPRESENTATIVE:
Wolff, Hans Joachim, Dr.jur. Dipl.-Chem. et al (150071), Beil, Wolff & Beil Rechtsanwalte Postfach 80 01 40 Adelonstrasse 58, W-6230 Frankfurt am Main 80, (DE)
PATENT (CC, No, Kind, Date): EP 329735 A1 890830 (Basic)
EP 329735 A1 891227
EP 329735 B1 921104
WO 8900819 890209
APPLICATION (CC, No, Date): EP 88906661 880714; WO 88US2398 880714
PRIORITY (CC, No, Date): US 78954 870729
DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: A23L-001/236;
ABSTRACT WORD COUNT: 94
NOTE:
No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	970
CLAIMS B	(German)	EPBBF1	821
CLAIMS B	(French)	EPBBF1	1048
SPEC B	(English)	EPBBF1	4326
Total word count - document A			0
Total word count - document B			7165
Total word count - documents A + B			7165

...SPECIFICATION mixture was spheronized according to the present invention into dense, spherical granules of uniform size **distribution** in different size ranges. The granules were then baked into the **cookie** recipe described hereinbefore in order to **compare** the heat stability of different particle size **distributions** in a cookie application. The

stability of the different **particle** size **distributions** were **compared** by measuring the degree of APM degradation **to** diketopiperazine (DKP) by HPLC. The granules **were** not coated with a hydrophobic coating and **were** also **compared** **with** an untreated standard. (Table omitted)

It is evident **that** in **cookie** baking applications (high heat for short durations) that specific particle size **distributions** in the range of 30-50 U.S. standard mesh exhibited the greatest degree of...

...however, that the smaller, dense granules in the 60-80 U.S. standard mesh range **exhibit** stability in cookie applications.

Example 8

Granular size distribution ranges that are achievable using the...

14/3,K/6 (Item 6 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

00310623

New use of polyglutamic acid for foods.

Verwendung von Polyglutaminsaure in Nahrungsmitteln.

Utilisation d'acide polyglutamique dans des aliments.

PATENT ASSIGNEE:

TAKEDA CHEMICAL INDUSTRIES, LTD., (204704), 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA, (JP), (applicant designated states: AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Konno, Akira, 284, Oaza-takahama Shimamoto-cho, Mishima-gun Osaka 618, (JP)

Taguchi, Tetsuya, 692-3, Kimura Kakogawa-cho, Kakogawa Hyogo 675, (JP)

Yamaguchi, Takenobu, 1697-1, Higashifutami Futami-cho, Akashi Hyogo 674, (JP)

LEGAL REPRESENTATIVE:

Lewin, John Harvey et al (33031), Elkington and Fife Prospect House 8 Pembroke Road, Sevenoaks, Kent TN13 1XR, (GB)

PATENT (CC, No, Kind, Date): EP 284386 A1 880928 (Basic)
EP 284386 B1 920826

APPLICATION (CC, No, Date): EP 88302603 880324;

PRIORITY (CC, No, Date): JP 8769805 870324; JP 87201511 870811

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: A21D-002/24; A23L-001/16;

ABSTRACT WORD COUNT: 85

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	196
CLAIMS B	(German)	EPBBF1	177
CLAIMS B	(French)	EPBBF1	250
SPEC B	(English)	EPBBF1	3354
Total word count - document A			0
Total word count - document B			3977
Total word count - documents A + B			3977

...SPECIFICATION using the same recipe except that sodium polyglutamate was omitted. Compared with this control bread, **the** roll bread manufactured with addition of sodium polyglutamate had a slightly larger volume and soft texture.

Example 5

In **a** bowl, 65 g of sucrose was added to 55 g of well-kneaded butter

and...
...flour and 2 g of baking powder was added and mixed well. The mixture was **distributed** into molds and baked in an oven at 180(degree)C for 18 minutes to give **cookies** .

Compared with **cookies** manaufactured using the same recipe **from** which sodium polyglutamate had been omitted, the **cookies** obtained with addition of sodium polyglutamate featured a lesser change in shape on baking and...

14/3,K/7 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01263710 **Image available**
SYSTEM AND METHOD FOR UPDATING FILES UTILIZING DELTA COMPRESSION PATCHING
SYSTEME ET PROCEDE POUR ACTUALISER DES FICHIERS PAR CORRECTIFS A COMPRESSION DELTA
Patent Applicant/Assignee:
MICROSOFT CORPORATION, One Microsoft Way, Redmond, WA 98052-6399, US, US (Residence), US (Nationality)
Inventor(s):
MCGUIRE Thomas D, 102 Hallie Court, Georgetown, TX 78628, US,
MENZIES Derek P, 23343 NE 29th Place, Sammamish, WA 98074, US,
SLIGER Michael V, 19716 SE 23rd Street, Sammamish, WA 98052, US,
CHENG Derek, 1859 16th Lane NE, Issaquah, WA 98029, US,
MOHAMMED Mazhar, 127-242nd Court SE, Sammamish, WA 98074, US,
WILLIAMS Peter, 12921-195th Place NE, Woodinville, WA 98077-7678, US,
HENDERSON Gary, 9231 219th Place NE, Redmond, WA 98053, US,
Legal Representative:
URIBE Mauricio A (agent), Christensen O'Connor Johnson Kindness PLLC, 1420 Fifth Avenue, Suite 2800, Seattle, WA 98101-2347, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200571542 A1 20050804 (WO 0571542)
Application: WO 2004US23581 20040723 (PCT/WO US04023581)
Priority Application: US 2003737725 20031215
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 15793

Fulltext Availability:
Detailed Description

Detailed Description
... illustrative embodiment of the present invention, no software code to instantiate the update has been **downloaded** .

With **continued** reference to FIGURE 3, at sometime during the update

process, a selection of the updates...the process of block 805, the client computing device 1 1 0 generates an authorization **cookie** for each pair of **matching** client and server authorization plug-ins. Thus, in the present example, the first client authorization...manner to utilize a minimal amount of available bandwidth. Further, the background process may be **interrupted** during the **download** process and **restarted** at the next available time. A description of a system and method for transmitting requested...

...embodiment of the present invention, the sub-routine 1200 enters into an iterative loop that **continuously** checks for additional **downloads** after the completion of a previously selected download. If the state of a file changes during the download, the update agent I 1 8 would **continue**

to request additional **downloads** for the new change of state. If I 0 additional downloads are required, at block...

14/3,K/8 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01254442 **Image available**
SYSTEM AND METHOD FOR UPDATING INSTALLATION COMPONENTS IN A NETWORKED ENVIRONMENT
SYSTEME ET PROCEDE DE MISE A JOUR DE MODULES D'INSTALLATION DANS UN ENVIRONNEMENT RESEAUTE
Patent Applicant/Assignee:
MICROSOFT CORPORATION, One Microsoft Way, Redmond, WA 98052, US, US (Residence), US (Nationality)
Inventor(s):
MCGUIRE Thomas D, 102 Hallie Court, Georgetown, TX 78628, US,
MENZIES Derek P, 23343 NE 29th Place, Sammamish, WA 98074, US,
SLIGER Michael V, 19716 SE 23rd Street, Sammamish, WA 98052, US,
CHENG Derek, 1859 16th Lane NE, Issaquah, WA 98029, US,
MOHAMMED Mazhar, 127-242nd Court SE, Sammamish, WA 98074, US,
SHENDE Manojkumar, 4629-168th Court NE, Redmond, WA 98052, US,
Legal Representative:
URIBE Mauricio A (agent), Christensen O'Connor Johnson & Kindness PLLC, 1420 Fifth Avenue, Suite 2800, Seattle, WA 98101-2347, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200560389 A2 20050707 (WO 0560389)
Application: WO 2004US23976 20040723 (PCT/WO US04023976)
Priority Application: US 2003737162 20031215
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 15103

Fulltext Availability:
Detailed Description

Detailed Description
... illustrative embodiment of the present invention, no software code to instantiate the update has been **downloaded** .

With **continued** reference to FIGURE 3, at sometime during the update process, a selection of the updates...process of block 8 05, the client computing device 1 1 0 generates an authorization **cookie** for each pair of **matching** client and server authorization plug-ins. Thus, in the present example, the first client authorization...manner to utilize a minimal amount of available bandwidth. Further, the background process may be **interrupted** during the **download** process and **restarted** at the next available time. A description of a system and method for transmitting requested...

...0 of the present invention, the sub-routine 1200 enters into an iterative loop that **continuously** checks for additional **downloads** after the completion of a previously selected download. If the state of a file changes during the download, the update agent 1 1 8 would **continue** to request additional **downloads** for the new change of state. If additional downloads are required, at block 1224, the...

14/3,K/9 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01254441 **Image available**
SYSTEM AND METHOD FOR MANAGING AND COMMUNICATING SOFTWARE UPDATES
SYSTEME ET PROCEDE POUR LA GESTION ET LA COMMUNICATION DE MISES A JOUR DE LOGICIEL
Patent Applicant/Assignee:
MICROSOFT CORPORATION, One Microsoft Way, Redmond, WA 98052, US, US (Residence), US (Nationality)
Inventor(s):
MEULEMANS Michael Edward, 17168 SE 100 th Street, Renton, WA 98059, US,
AVERBUCH Aaron, 2230 Yale Ave. E., #D, Seattle, WA 98102, US,
ROBERTS Jason, 103 College Ave. #2, Somerville, MA 02144, US,
SHOWMAN Ken, 15724 NE 117th Street, Redmond, WA 98052, US,
MOHAMMED Mazhar, 127-242nd Court SE, Sammamish, WA 98074, US,
DADZIE Joseph G, 9631 - 173rd Place NE, Redmond, WA 98052, US,
Legal Representative:
URIBE Mauricio A (agent), Christensen O'Connor Johnson & Kindness PLLC, 1420 Fifth Avenue, Suite 2800, Seattle, WA 98101-2347, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200560388 A2 20050707 (WO 0560388)
Application: WO 2004US23975 20040723 (PCT/WO US04023975)
Priority Application: US 2003737708 20031215
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 16881

Fulltext Availability:
Detailed Description

Detailed Description
... illustrative embodiment of the present invention, no software code to instantiate the update has been **downloaded** .
With **continued** reference to FIGURE 3, at sometime during the update process, a selection of the updates...In the process of block 805, the client computing device I 10 generates an authorization **cookie** for each pair of **matching** client and server authorization plug-ins. Thus, in the present example, the first client authorization...manner to utilize a minimal amount of available bandwidth. Further, the background process may be **interrupted** during the **download** process and **restarted** at the next available time. A description of a system and method for transmitting requested...

...embodiment of the present invention, the sub-routine 1200 enters into an iterative loop that **continuously** checks for additional **downloads** after the completion of a previously selected download. If the state of a file changes during the download, the update agent 1 1 8 would **continue** to request additional **downloads** for the new change of state. If additional downloads are required, at block 1224, the...

14/3,K/10 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01254440 **Image available**
SYSTEM AND METHOD FOR A SOFTWARE DISTRIBUTION SERVICE
SYSTEME ET PROCEDE POUR UN SERVICE DE DISTRIBUTION DE LOGICIELS
Patent Applicant/Assignee:
MICROSOFT CORPORATION, One Microsoft Way, Redmond, WA 98052-6399, US, US (Residence), US (Nationality), (For all designated states except: US)
Inventor(s):
ROBERTS Jason, 103 College Ave. #2, Somerville, MA 02144, US,
MOHAMMED Mazhar, 127-242nd Court SE, Sammamish, WA 98074, US,
WITTEL Walter, 17821 NE 33rd Street, Redmond, WA 98052, US,
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Patent and Priority Information (Country, Number, Date):
Patent: WO 200560387 A2 20050707 (WO 0560387)
Application: WO 2004US23965 20040723 (PCT/WO US04023965)
Priority Application: US 2003737726 20031215
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO

SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 17998

Fulltext Availability:
Detailed Description

Detailed Description
... illustrative embodiment of the present invention, no software code to instantiate the update has been **downloaded** .

With **continued** reference to FIGURE 3, at sometime during the update process, a selection of the updates...In the process of block 805, the client computing device II 0 generates an authorization **cookie** for each pair of **matching** client and server authorization plug-ins. Thus, in the present example, the first client authorization...manner to utilize a minimal amount of available bandwidth. Further, the background process may be **interrupted** during the **download** process and **restarted** at the next available time. A description of a system and method for transmitting requested...

...embodiment of the present invention, the sub-routine 1200 enters into an iterative loop that **continuously** checks for additional **downloads** after the completion of a previously selected download. If the state of a file changes during the download, the update agent 1 1 8 would **continue** to request additional **downloads** for the new change of state. If additional downloads are required, at block 1224, the...

14/3,K/11 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01219973 **Image available**
MUSIC PURCHASING AND PLAYING SYSTEM AND METHOD
SYSTEME ET PROCEDE D'ACHAT ET DE LECTURE DE MUSIQUE
Patent Applicant/Assignee:
MUSICMATCH INC, 16935 West Bernardo Drive, #270, San Diego, CA 92127, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
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SULLIVAN Sean Robert, 16935 West Bernardo Drive, #270, San Diego, CA 92127, US, US (Residence), US (Nationality), (Designated only for: US)
KOGAN Michael J, 16935 West Bernardo Drive, #270, San Diego, CA 92127, US , US (Residence), US (Nationality), (Designated only for: US)
LAFFOON Mark Allan, 16935 West Bernardo Drive, #270, San Diego, CA 92127, US, US (Residence), US (Nationality), (Designated only for: US)
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US, US (Residence), US (Nationality), (Designated only for: US)
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SITZE Kevin L, 16935 West Bernardo Drive, #270, San Diego, CA 92127, US, US (Residence), US (Nationality), (Designated only for: US)
DORON Amir, 16935 West Bernardo Drive, #270, San Diego, CA 92127, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
CLEARY James P (agent), Fish & Richardson P.C., 12390 El Camino Real, San Diego, CA 92130, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200526916 A2 20050324 (WO 0526916)
Application: WO 2004US29887 20040910 (PCT/WO US04029887)
Priority Application: US 2003502162 20030910
Parent Application/Grant:
Related by Continuation to: US 2003502162 20030910 (CIP)
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9335

Fulltext Availability:
Detailed Description

Detailed Description
... their downloads. Cover art and status indicator bar are optionally provided. Users can pause and **resume downloads** by right clicking on any download in progress in the TDM. Should the user's network connection fail during a **download** , the TDM automatically **reconnects** and finishes the **download** , without user intervention, as soon as reconnection is made.

[00701 An animated icon that shows...download process "jumps over" to the DRM track which has been opened already, and content **downloading continues** .

Thus, in an embodiment the DRM track is appended to an associated N second clip...

...the account server. The account server reads the per-id and PCID from the login **cookie** (1001). The PCID is **compared** against other PCEDs in the account
18
(1 002). The PCIDs may not match exactly...

14/3,K/12 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01177933 **Image available**

SECURE, CONTINUOUS, PROXY-OPTIMIZED, DEVICE-TO-DEVICE DATA DOWNLOAD RECEPTION SYSTEM AND METHOD OF USE

SYSTEME SECURISE DE RECEPTION EN CONTINU DE DONNES DE TELECHARGEMENT DISPOSITIF A DISPOSITIF OPTIMISE AU NIVEAU DU MANDATAIRE ET SON PROCEDE D'UTILISATION

Patent Applicant/Assignee:
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Patent Applicant/Inventor:
VAN ROSSUM Cedric, 2400 North Lincoln Avenue, Altadena, CA 91001, US, US (Residence), BE (Nationality)
Legal Representative:
FOSTER Thomas (agent), David R Preston & Associates, 12625 High Bluff Drive, Suite 205, San Diego, CA 92130, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 2004100010 A1 20041118 (WO 04100010)
Application: WO 2004US13090 20040428 (PCT/WO US04013090)
Priority Application: US 2003467271 20030430; US 2003528088 20031209
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 26363

Fulltext Availability:
Detailed Description

Detailed Description
... States Provisional Patent Application Serial Number 60/467,271 filed April 30, 2003, entitled, "Secure, **Continuous** , Device-todevice Data **Download** Reception System and Method of Use," both naming Cedric Van Rossum. as inventor; each of...
...reference in its entirety.

This application incorporates by reference Disclosure Document No. 529804, entitled "Secure, **continuous** , device-to-device data **download** reception unit and method of using it for multimedia-on-demand services and TV over...be transmitted to another DDR unit. At the same time, the network manages to @5 **continuously** maintain a detennined number of **downloaded** titles on a DDR unit in order to always offer to its user(s) something...behavior of an owner of a DDR unit (for example by sharing or exchanging Internet " **cookies** ") on their site. Advertisements that **match** their latest Internet searches (such as through a search engine like Google.com) or topics...

...and encode different titles on the network at the same time.

III. ADDITIONAL FEATURES

A. **CONTINUOUS** DEVICE-TO-DEVICE
UPLOAD/ **DOWNLOAD**
Each DDR unit is preferably always switched on and connected to the network formed by...data and identity theft on the user's PC, or other cybercrimes.
Data can be **downloaded** **continuously** . Since the DDR unit is "always on" and the download of the data is done independently of the other devices, the DDR unit can **download** data at all times, **continuously** , throughout the day, whether the other devices (like the PC) are turned on or not...

14/3,K/13 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01139431 **Image available**
METHOD OF TRACKING MOBILE STATION LOCATION
PROCEDE DE DETECTION DE LA POSITION D'UNE STATION MOBILE
Patent Applicant/Assignee:
MOTOROLA INC, 1303 East Algonquin Road, Schaumburg, IL 60196, US, US (Residence), US (Nationality)
Inventor(s):
KOTZIN Michael, 2075 Jordan Terrace, Buffalo Grove, IL 60089, US,
Legal Representative:
VAAS Randall S (et al) (agent), 600 North US Highway 45, Libertyville, IL 60048, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200462298 A2-A3 20040722 (WO 0462298)
Application: WO 2003US39180 20031208 (PCT/WO US03039180)
Priority Application: US 2002334281 20021231
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 3699

Fulltext Availability:
Detailed Description

Detailed Description
... the location of the MS 100 to at least one fixed location information in the **cookie** file 304. If the MS 100 location **matches** or is within a predetermined range of one of the at least one fixed locations...

14/3,K/14 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

01066614 **Image available**

METHOD AND SYSTEM FOR MEDIA

PROCEDE ET SYSTEME POUR CONTENU MULTIMEDIA

Patent Applicant/Inventor:
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Legal Representative:
GALLENSON Mavis S (et al) (agent), Ladas & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200396340 A2 20031120 (WO 0396340)
Application: WO 2003US14878 20030510 (PCT/WO US03014878)
Priority Application: US 2002379979 20020510; US 2002378011 20020510; US 2002218241 20020813; US 2002235293 20020904; US 2002304390 20021125; US 2002325243 20021218; US 2003364643 20030210; US 2003451231 20030228; US 2003430843 20030505; US 2003430477 20030505
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 222812

Fulltext Availability:
Detailed Description

Detailed Description
... be thwarted by simply changing the file name of the song thereby enabling it to **continue** to be **distributed** f reely.

Another disadvantage associated with the music file sharing technique previously described is that...
...be thwarted by simply changing the file name of the song thereby enabling it to **continue** to be **distributed** f reely.

Another disadvantage associated with the music file sharing technique previously described is that...ScsiStatus = 0;
138
bDisabled true;
if (bDisabled true)
/* complete current request *1
1 0 status = **CompleteRequest** (Irp, STATUS-SUCCESS, 0);
else
/* pass request down without additional processing
status = loAcquireRemoveLock(&pdx->RemoveLock...M3U file that is on the MoMl server, which they can either execute immediately, or **download** . A **downloaded** playlist cannot provide information to the user regarding the real location of the files, as...

...4 displays the random choice of file names

Pt and creates a new file to **download** .

ive
t4r Proorrammer: Ted Fitzgerald, ICS Creati
cp
9 Date: July 26, 2001
Created for...

...i,$j); #just counters
my ($play
list -name); #variable to create random file name for **download**
my ($how many songs); hE = total number of songs in all the dirs.

my (@thename...

14/3,K/15 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00939293 **Image available**
MULTI-OUTPUT PACKET SERVER WITH INDEPENDENT STREAMS
SERVEUR DE PAQUETS A SORTIES MULTIPLES ET FLUX INDEPENDANTS
Patent Applicant/Assignee:
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Inventor(s):
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KUSHI David, 2642 15th Avenue, San Francisco, CA 94127, US,
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PERRIG Adrian, 2525 Stuart St. Apt. 301, Berkeley, CA 94705, US,
ATTIAS Roberto, 3 Lakeshore Court, Richmond, CA 94804, US,
WALFISH Michael, 1295 Guerrero #1, San Francisco, CA 94110-3635, US,
HERNEK Diane, 4178 Montgomery St., Oakland, CA 94611, US,
BYERS John, 55 Elgin Street, Newton, MA 02459, US,
Legal Representative:
STANTON Gregory E (et al) (agent), Townsend & Townsend & Crew, LLP., 2 Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200273427 A1 20020919 (WO 0273427)
Application: WO 2002US6841 20020305 (PCT/WO US0206841)
Priority Application: US 2001274445 20010309; US 2001882508 20010615
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM
DZ EC EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TN
TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 28648

Fulltext Availability:
Detailed Description

Detailed Description
... channels specified in the channel connects and channel joins.

If the session is a content **download** session, the decoding system 320 **continues** to control the incoming flow of packets until enough output symbols are received to reconstruct...64-bit value calculated by the server session control module as a function of the **download** id, the hydra client IP address, the hydra client port, the operation timeout and a...

...In other embodiments, the cookie may be a function of one or more of the **download** id, the hydra client IP address, the hydra client port, the operation timeout, a server...

...it was originally calculated from and comparing this with the received cookie. If the recalculated **cookie** and the received **cookie** do not **match** then the session is not served.

Thus, the server session control module does not save...client sends a start request containing the security cookie to the server. If the security **cookie** in the request **matches** the one that was sent to the client, the server responds by sending a start...theclient-indicates the list of all channels it wishes to be joined to. Throughout the **download** , the client **continues** to send join messages to the replication system.

Control Protocol Details
In some embodiments, the...

14/3,K/16 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00903162 **Image available**
SYSTEM AND METHOD FOR AUTOMATING A COMPLEX DOWNLOAD PROCESS WITH TERRITORIAL RESTRICTIONS
SYSTEME ET PROCEDE PERMETTANT D'AUTOMATISER UN PROCESSUS DE TELECHARGEMENT AVAL COMPLEXE A L'AIDE DE RESTRICTIONS TERRITORIALES
Patent Applicant/Assignee:
SIGHTSOUND COM, 733 Washington Road, Suite 400, Mt. Lebanon, PA 15228, US , US (Residence), US (Nationality)
Inventor(s):
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GREINER Charles A, 107 Colonial Drive, Irwin, PA 56142, US,
SPEICHER Timothy P, 340 Orchard Lane, Freedom, PA 15042, US,
CHOUGH Lawrence H, 333 Pinevue Drive, Monroeville, PA 15146, US,
Legal Representative:
SCHWARTZ Ansel M (agent), 201 N. Craig Street, Suite 304, Pittsburgh, PA 15213, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200237226 A2-A3 20020510 (WO 0237226)
Application: WO 2001US46528 20011102 (PCT/WO US0146528)
Priority Application: US 2000706048 20001103
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ

EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 13055

Fulltext Availability:
Detailed Description

Detailed Description
... minimum
requirements established by the user of the serving side of the present invention, the **download** process will **continue** . The serving side of the present invention replies to the client side of the present...11, then the Serving Module 30 transmits information to the Client Module 31 necessary to **continue** the **download** process (e.g. byte size of File 110, Default Folder Name 150, etc.), and the...11, then the Serving Module 30 transmits information to the Client Module 31 necessary to **continue** the **download** process (e.g. byte size of File 110, Default Folder Name 150, etc.), and the...space and name it the same as Default Folder Name 150; creates or updates the **Cookie** File 140 and renames Folder 160 to **match** the name of the Default Folder Name 150 and indicates which of the storage devices...

...selected, and resaves Cookie File 140 to Storage Device 101; then requests and processes the **download** of File 110 from Serving Module 30 for subsequent storage in Folder 160 on Client...

...to select the name of the Folder 160 where the File 110 is to be **downloaded** and saved, then the Client Module 31: transmits a message to the user of the...
...160 and which storage device Client Storage 101 where the File 110 is to be **downloaded** and saved; updates the Cookie File 140 with the name of Folder 160 as inputted...

...selected, and resaves Cookie File 140 to Storage Device 101; and requests and processes the **download** of File 110 from Serving Module 30 for subsequent storage in Folder 160 on Client...

...disconnected, the Client Module 31 transmits a message to the Client Interface 21 that the **download** process was **interrupted** . Then, the user of the Client Device 11 re establishes communication (e.g. accesses the...

...on the hyperlink associated with the desired File 110) via the Communication Means 120 to **resume** the **download** of the desired File 110 from the Serving Device 10, then the **download** process automatically **resumes** . Then the Serving Module 30 transmits update information to the Download Database 170

indicating that...

14/3,K/17 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00846298 **Image available**
METHOD AND SYSTEM FOR DELIVERY AND EXECUTION OF COPY PROTECTED DIGITAL CONTENT
PROCEDE ET SYSTEME DE DISTRIBUTION ET D'EXECUTION DE CONTENU NUMERIQUE PROTEGE CONTRE LA COPIE
Patent Applicant/Assignee:
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Inventor(s):
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ISAACSON Shawn R, 4360 S. 2175 S., Roy, UT 84067, US,
SHORT Robert, 7714 Crestview Drive, Niwot, CO 80501, US,
PETERS Eric, 4099 W. 5600 S., Roy, UT 84067, US,
ADAMS Chad, 5299 S. 2690 W., Roy, UT 84067, US,
Legal Representative:
BUTTER Gary M (agent), Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-0228, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200179972 A2-A3 20011025 (WO 0179972)
Application: WO 2001US40471 20010409 (PCT/WO US0140471)
Priority Application: US 2000551098 20000418; US 2000602218 20000623; US 2000602219 20000623
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 16444

Fulltext Availability:
Detailed Description

Detailed Description
... password can provide the host site 62 with information required by the host site for **download** or information regarding client preferences pertaining to the **downloading** of content 60. At block 1 1 0, the host site 62 **compares** the **cookie** information and the client password infonnation and, if necessary, the host site's stored database...

14/3,K/18 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00846297 **Image available**

METHOD AND SYSTEM FOR SECURELY DOWNLOADING CONTENT TO USERS
PROCEDE ET SYSTEME PERMETTANT DE TELECHARGER DE FACON SECURISEE DES CONTENUS A DESTINATION D'UTILISATEURS

Patent Applicant/Assignee:
IOMEGA CORPORATION, 1821 West Iomega Way, Roy, UT 84067, US, US (Residence), US (Nationality)

Inventor(s):
HALES Ronald F, 4052 S. 950 W., Riverdale, UT 84405, US,
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ISAACSON Shawn R, 4360 S. 2175 S., Roy, UT 84067, US,
MILLER Wayne, 244 E Shepard Lane, Kaysville, UT 85037, US,

Legal Representative:
BUTTER Gary M (agent), Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-0228, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200179971 A2 20011025 (WO 0179971)
Application: WO 2001US40470 20010409 (PCT/WO US0140470)
Priority Application: US 2000551098 20000418

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 8993

Fulltext Availability:
Detailed Description

Detailed Description
... password can provide the host site 62 with information required by the host site for **download** or information regarding client preferences pertaining to the **downloading** of content 60. At block 1 10, the host site 62 **compares** the **cookie** information, and the'client password information and, if necessary, the host site's stored database...

14/3,K/19 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00836814
SYSTEM FOR MEASURING THE EFFECTIVENESS OF INTERNET BASED ADVERTISING OR MARKETING CAMPAIGNS
SYSTEME PERMETTANT DE MESURER L'EFFICACITE DE PUBLICITES OU DE CAMPAGNES DE COMMERCIALISATION BASEES SUR INTERNET

Patent Applicant/Assignee:
FLONETWORK INC, 260 King Street East, Building B, Toronto, Ontario M5A 1K3, CA, CA (Residence), CA (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:
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ZENG Roger, 7 Concord Plaza, Apt. #1909, Toronto, Ontario M3C 3N4, CA, CA (Residence), CA (Nationality), (Designated only for: US)
ZENG Ming, 350 Queens Quay West, Unit #1409, Toronto, Ontario M5V 3A7, CA , CA (Residence), CA (Nationality), (Designated only for: US)
TEBO Chris, 526 Coldstream Avenue, Toronto, Ontario M6B 2K6, CA, CA (Residence), US (Nationality), (Designated only for: US)

Legal Representative:
NAKANO Robert H (agent), Blake, Cassels & Graydon LLP, Box 25, Commerce Court West, Toronto, Ontario M5L 1A9, CA,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200169462 A2 20010920 (WO 0169462)
Application: WO 2001CA44 20010119 (PCT/WO CA0100044)
Priority Application: US 2000189885 20000316; CA 2303541 20000330; US 2000541668 20000331

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 9280

Fulltext Availability:
Detailed Description
Claims

Detailed Description
... the web site request message from a given device: records the actuation of the link; **compares** the data in the stale **cookie** , if received, against the identifying infonnation passed back with the web site request message; sends...

...browse the destination web site; and, in the event the comparison does not find a **match** or a stale **cookie** is not received, sends a fresh cookie to the given device and records the **distribution** of the fresh cookie in the database.

The fresh cookie comprises information pertaining to the...I 1 8 queries the cookie distribution table 5 1 0 to see if a **cookie** **matching** the code in the returned encoded LTRL exists. If such a cookie does not exist ...

...otherwise a cookie having the identical code is expected to be found in the cookie **distribution** table 5 1 0). In this case, cache process 21 8 requests the SQL server...
...of the latest e-mail message.

On the other hand, if the query finds a **cookie** in **distribution** table 5 1 0 which **matches** the code in the returned encoded URL, then the intended recipient of the e-mail...resend the fresh cookie to the recipient or friend (or store it in the cookie **distribution** table) since the stale cookie and the fresh cookie are identical.

Alternatively, referring to Fig...

...server II 8 looks up whether or not a cookie has been recorded in the **cookie distribution** table which **matches** the code in the returned encoded URL. If so, then the original intended recipient has...

...generic cookie back to the requesting computer (step 466) and saves the relevant data in **cookie distribution** table 610. If no **matching cookie** is found an assumption is made that it is the originally intended recipient who executed...

Claim
... site request message from a given device, (a) records the actuation of the link, (b) **compares** the data in the stale **cookie** , if received, against the identifying information passed back with the web site request message, (c...

...site, and (d) in the event the comparison in part (b) does not find a **match** or a stale **cookie** is not received, sends a fresh cookie to the given device and records the **distribution** of the fresh cookie in said database, said fresh cookie comprising information pertaining to the...

14/3,K/20 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00806382
METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A MARKET SPACE INTERFACE
PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHE ENTRE UNE PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHE
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,
Legal Representative:
HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200139028 A2 20010531 (WO 0139028)
Application: WO 2000US32308 20001122 (PCT/WO US0032308)
Priority Application: US 99444773 19991122; US 99444798 19991122
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 170977

Fulltext Availability:
Detailed Description

Detailed Description
... matched service provider and the manufacturer. In a further embodiment, the manufacturer offerings of the **matched** manufacturer may be displayed to the **matched** service provider and services provided by the matched service provider may be displayed to the...and communicate real-time consumption and changes in consumption to the power utility via the **distribution** network. Further, the home network permits automatic meter reading and remote service **disconnect** and **reconnect** .

The **distribution** network includes a wire-based (hybrid fiber/coaxial cable) distribution system and an intelligent utility...no access to other destinations.

Market Drivers
According to Yankee Group Research, network management costs **continue** to increase, with network managers spending an average of 45 percent of their budget on...technologies will increase the need for higher bandwidth in "NGN" core. The "NGN"
60
core **continues** to use a SONET backbone, but will gradually move to using (D)WDM technologies to...how to send the data packets it receives to its destination through the use of **continually** updated routing tables. By analyzing the destination network address of the packets, routers make these...

14/3,K/21 (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00805416 **Image available**
SECURE DIGITAL MUSIC DISTRIBUTION
DISTRIBUTION DE MUSIQUE NUMERIQUE EN TOUTE SECURITE
Patent Applicant/Assignee:
BINARY BROADCASTING CORPORATION, 542 Emerson Street, Palo Alto, CA 94301, US, US (Residence), US (Nationality)
Inventor(s):
MELMON Matthew, 20975 Valley Green Drive, #241, Cupertino, CA 95014, US,
Legal Representative:
PISANO Nicola A (et al) (agent), Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200138993 A1 20010531 (WO 0138993)
Application: WO 2000US32032 20001120 (PCT/WO US0032032)
Priority Application: US 99450855 19991129
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English

Filing Language: English
Fulltext Word Count: 19116

Fulltext Availability:
Detailed Description
Claims

Detailed Description
... been played,
for billing and copyright management purposes.

At step 303, server 22 receives the **cookie** , and **compares** the audio content currently stored in secure digital audio player 24 with the playlist to be **downloaded** . Any audio content that is already present on secure digital audio player 24 need not be **downloaded** again.

At step 304, server 22 retrieves the audio content for the selected playlist from...

...interruptions occur, secure digital audio player 24 may reestablish a connection with server 22, and **continue** **downloading** audio content.

This entire process of connecting to server 22, sending the unique identifier, and...

Claim
... Using Unique
Identifier as Key.
202 302
Request cookie from
Receive request, Player
and send **cookie**
Receive **Cookie** , and 303
Compare Contents of
Player Memory with
Playlist
203 i
Retrieve Audio Content
Receive Audio in Playlist...

14/3,K/22 (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00785154 **Image available**
SYSTEM FOR SELECTING, DISTRIBUTING, AND SELLING FONTS
SYSTEME DE SELECTION, DE DISTRIBUTION ET VENTE DE POLICES DE CARACTERES
Patent Applicant/Assignee:
BITSTREAM INC, 215 First Street, Cambridge, MA 02142, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
YING Charles, 2207 Fairview Ave E. #7, Seattle, WA 98102, US, US (Residence), US (Nationality), (Designated only for: US)
COLLINS John S, Apartment 9E, 9 Hawthorne Place, Boston, MA 02114, US, US (Residence), GB (Nationality), (Designated only for: US)
Legal Representative:

PORTER Edward W (agent), Porter & Associates, Suite 600, One Broadway, Cambridge, MA 02142, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200118681 A2 20010315 (WO 0118681)
Application: WO 2000US24796 20000907 (PCT/WO US0024796)
Priority Application: US 99391291 19990907
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 22458

Fulltext Availability:
Detailed Description

Detailed Description
... step 486 to be performed. Step 486 tests if the request contains a client ID **cookie matching** that for which recognized uploaded character-font shapes have been stored on the server. If...

...shapes against character-font shapes of fonts stored on server. Finally step 492 generate and **download** a match-results page including the results of this pattern matching.

The pattern matching of...

14/3,K/23 (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00766325 **Image available**
CRYPTOGRAPHIC REPRESENTATION OF SESSIONS
REPRESENTATION CRYPTOGRAPHIQUE DE SESSIONS
Patent Applicant/Assignee:
THE BRODIA GROUP, Suite 1530, 221 Main Street, San Francisco, CA 94105, US, US (Residence), US (Nationality)
Inventor(s):
RUBIN Paul, Suite 1530, 221 Main Street, San Francisco, CA 94105, US,
GOLDSTEIN Theodore Charles, Suite 1530, 221 Main Street, San Francisco, CA 94105, US,
Legal Representative:
MEYER Virginia (agent), Meyer Intellectual Property Law, Suite 275, 475 Gate Five Road, Sausalito, CA 94965, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200079726 A2-A3 20001228 (WO 0079726)
Application: WO 2000US17368 20000621 (PCT/WO US0017368)
Priority Application: US 99338914 19990623
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ

(utility model) DE DE (utility model) DK DK (utility model) DM EE EE
(utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT
TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4818

Fulltext Availability:
Claims

Claim
... is Is Time Valid?
Invalid No {Is Present
[Access Time<
Denied] Logout Time?)
es
Is **Cookie**
No Consistent?
{ **Compare** Size Yes **Cookie**
and Allowable is Valid
Paramater
Values)
FIGn 3

14/3,K/24 (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00566635 **Image available**
METHOD AND APPARATUS FOR LOCAL ADVERTISING
TECHNIQUE DE PUBLICITE LOCALE ET DISPOSITIF A CET EFFET
Patent Applicant/Assignee:
SUN MICROSYSTEMS INC,
Inventor(s):
GUPTA Amit,
VENKATARAMAN Sriraman,
BAEHR Geoffrey,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200030008 A1 20000525 (WO 0030008)
Application: WO 99US27061 19991112 (PCT/WO US9927061)
Priority Application: US 98192874 19981116
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU
ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE
CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 11877

Fulltext Availability:

Detailed Description

Detailed Description
... updated values for the various parameters. Using this approach, user-specific pricing is available without **downloading** the same advertisement or web page content repetitively. In one or more alternative embodiments, the...

...size slot). As a result, whenever the proxy intercepts a request from a user that **matches** the **cookie** or profile details, the proxy can elect whether or not to insert the advertisement for...

14/3,K/25 (Item 19 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00566629 **Image available**
METHOD AND APPARATUS FOR NEGOTIATING TERMS FOR LOCAL ADVERTISING
PROCEDE ET DISPOSITIF DE NEGOCIATION DES TERMES D'UNE PUBLICITE LOCALE
Patent Applicant/Assignee:
SUN MICROSYSTEMS INC,
Inventor(s):
GUPTA Amit,
BAEHR Geoffrey,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200030002 A1 20000525 (WO 0030002)
Application: WO 99US26697 19991112 (PCT/WO US9926697)
Priority Application: US 98192874 19981116; US 99343965 19990630
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 14926

Fulltext Availability:
Detailed Description

Detailed Description
... updated values for the various parameters. Using this approach, user-specific pricing is available without **downloading** the same advertisement or web page content repetitively. In one or more alternative embodiments, the...size slot). As a result, whenever the proxy intercepts a request from a user that **matches** the **cookie** or profile details, the proxy can elect whether or not to insert the advertisement for...

14/3,K/26 (Item 20 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00550000 **Image available**
COMPUTER NETWORK INFORMATION USE MONITORING

CONTROLE DE L'UTILISATION DES INFORMATIONS D'UN RESEAU INFORMATIQUE
Patent Applicant/Assignee:
GREEN CATHEDRAL LIMITED,
EVISON Rufus Simon Tobias,
PUTWAIN Paul Neville,
WOODLEY Michael Lawrence,
Inventor(s):
EVISON Rufus Simon Tobias,
PUTWAIN Paul Neville,
WOODLEY Michael Lawrence,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200013373 A1 20000309 (WO 0013373)
Application: WO 99GB2843 19990827 (PCT/WO GB9902843)
Priority Application: GB 9818872 19980828
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 6162

Fulltext Availability:
Claims

Claim
... procedure moves straight to step 34 and copies the hard-coded version stamp to a **cookie** . If it does exist, then the procedure **compares** , in step 32, whether the version stamp stored at the client is the same as...achieved by including a graphic towards the end of the message which has to be **downloaded** . The graphic may be a one-pixel picture which is in fact imperceptible to the...

14/3,K/27 (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00484627
INTEGRATED BUSINESS SYSTEM FOR WEB BASED TELECOMMUNICATIONS MANAGEMENT
SYSTEME D'ECHANGES COMMERCIAUX INTEGRES POUR LA GESTION DE TELECOMMUNICATIONS SUR LE WEB
Patent Applicant/Assignee:
BARRY B Reilly,
CHODORONEK Mark A,
DeROSE Eric,
GONZALES Mark N,
JAMES Angela R,
LEVY Lynne,
TUSA Michael,
Inventor(s):
BARRY B Reilly,
CHODORONEK Mark A,
DeROSE Eric,
GONZALES Mark N,
JAMES Angela R,

LEVY Lynne,
TUSA Michael,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9915979 A1 19990401
Application: WO 98US20170 19980925 (PCT/WO US9820170)
Priority Application: US 9760655 19970926
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AU BR CA JP MX SG AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 88075

Fulltext Availability:
Detailed Description

Detailed Description
... and a validation request for a given customer. The StarOE server 39 looks for the **matching** name/password pair in the security profile for the customer, and if the name/password...503 receives all calls from all switches as soon as possible after a call has **disconnected** (hangs up) and **distributes** records to clients that match a certain criteria. A generalized statistics engine@ (GSE) component 504...

14/3,K/28 (Item 22 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00154453
SELF STABILIZED DIPEPTIDE SWEETENERS
EDULCORANTS A DIPEPTIDES AUTOSTABILISES
Patent Applicant/Assignee:
THE NUTRASWEET COMPANY,
Inventor(s):
TSAU Joseph Heng-Ko,
Patent and Priority Information (Country, Number, Date):
Patent: WO 8900819 A1 19890209
Application: WO 88US2398 19880714 (PCT/WO US8802398)
Priority Application: US 87954 19870729
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AT AU BE BR CH DE DK FI FR GB IT JP KR LU NL NO SE
Publication Language: English
Fulltext Word Count: 5840

Fulltext Availability:
Detailed Description
Detailed Description
... mixture was spheronized according to the present invention into dense, spherical granules of uniform size **distribution** in different size ranges. The granules were then baked into the **cookie** recipe described hereinbefore in order to **compare** the heat stability of different particle size **distributions** in a cookie application.

The stability of the different particle size distributions were compared by...